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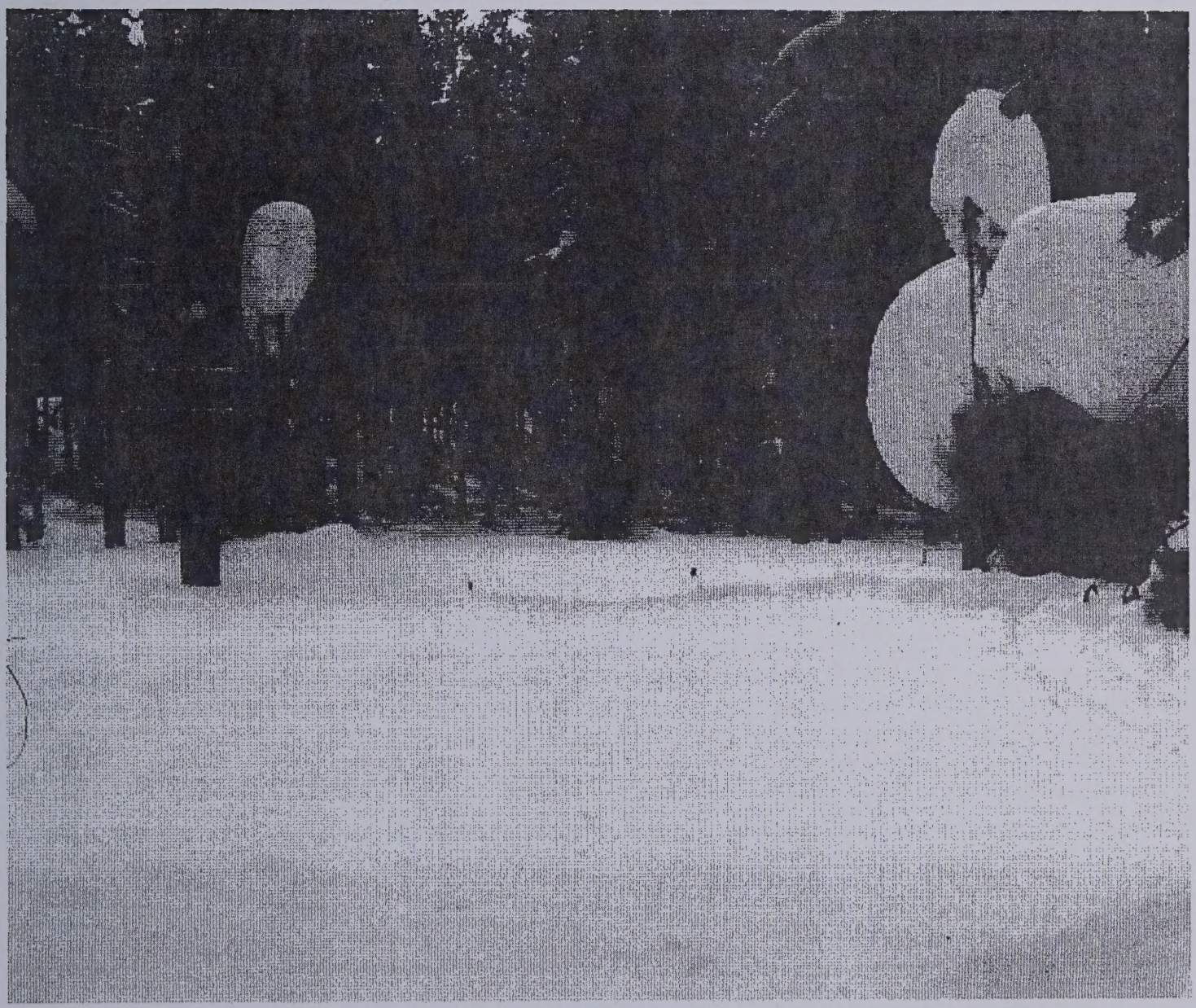
Natural Resources Conservation Service

Montana Water Supply Outlook Report May 1, 2010



Picture: Madison Plateau SNOTEL Site near West Yellowstone

Water Supply Outlook Report
and
Federal - State - Private
Cooperative Snow Surveys

For more water supply and resource management information, contact:

Water Supply Specialist
Federal Building
10 East Babcock, Room 443
Bozeman, MT 59715
or
Phone 406-587-6991

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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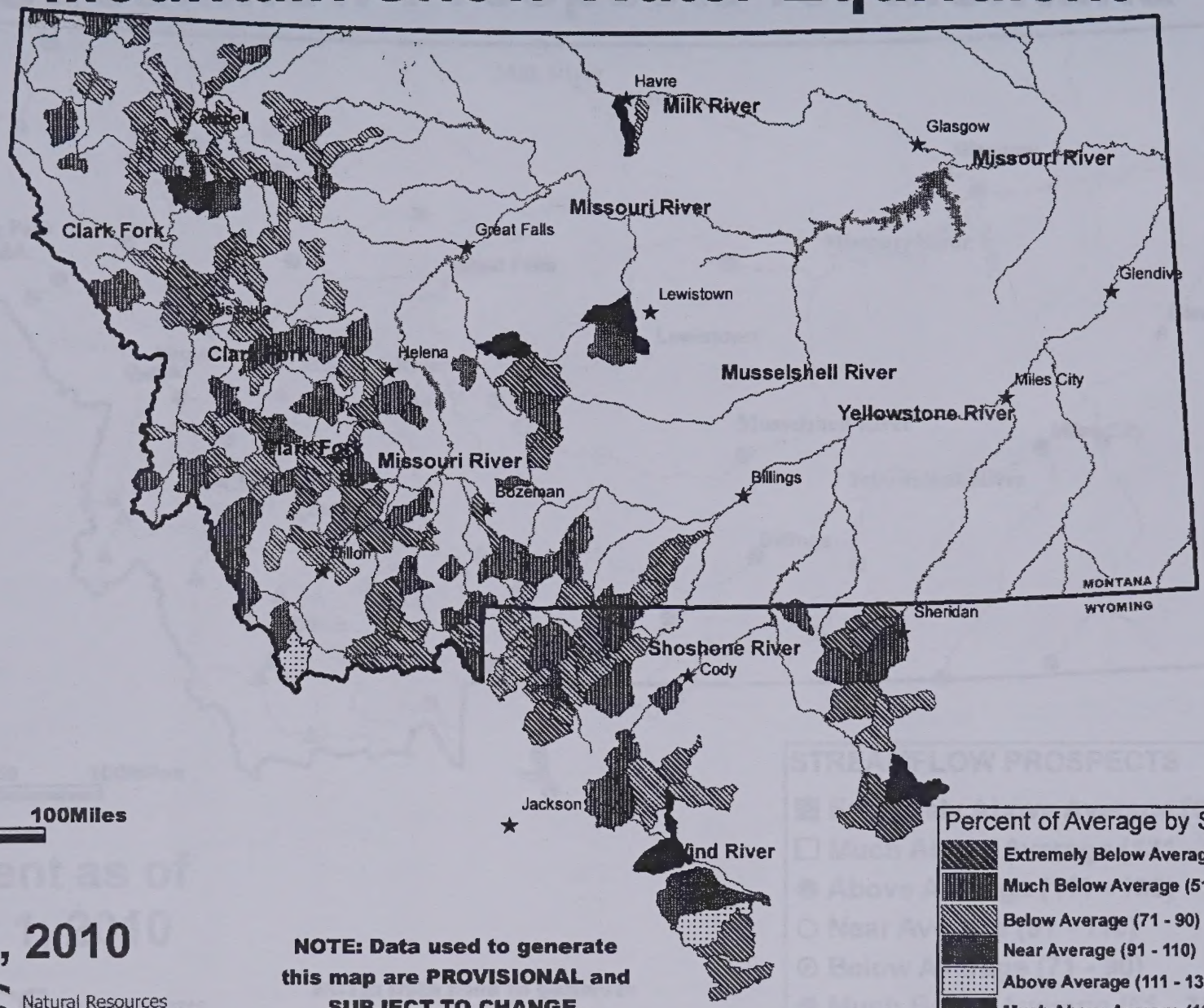
UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Mountain Snow Water Equivalent



May 1, 2010

NRCS Natural Resources Conservation Service

http://www.mt.nrcs.usda.gov

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

Water Supply Outlook Report

and

Federal - State - Private

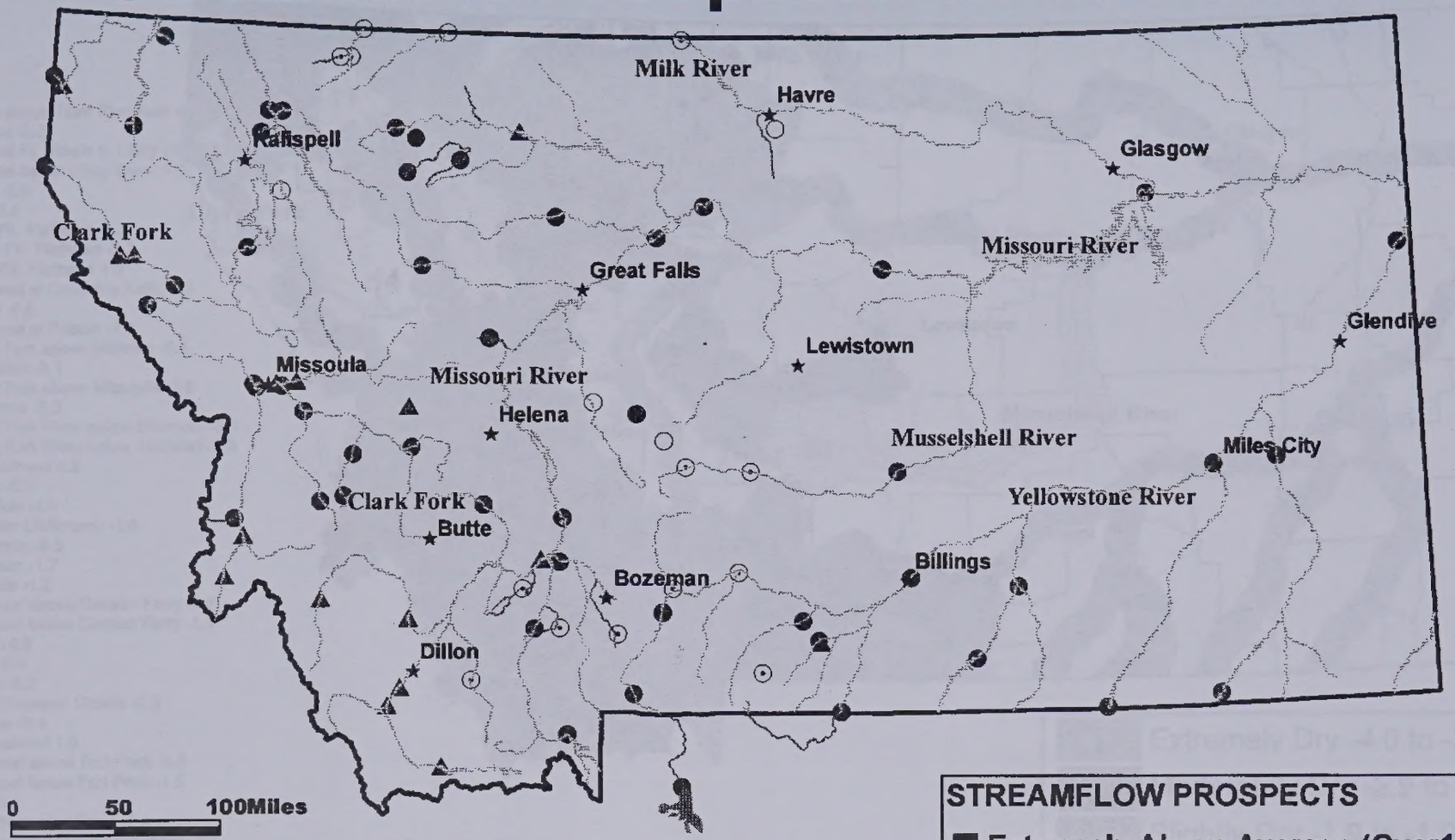
Cooperative Snow Surveys

Monthly Water Supply Outlook Report for Wisconsin

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Streamflow Prospects for Montana



Current as of May 1, 2010

NRCS Natural Resources Conservation Service

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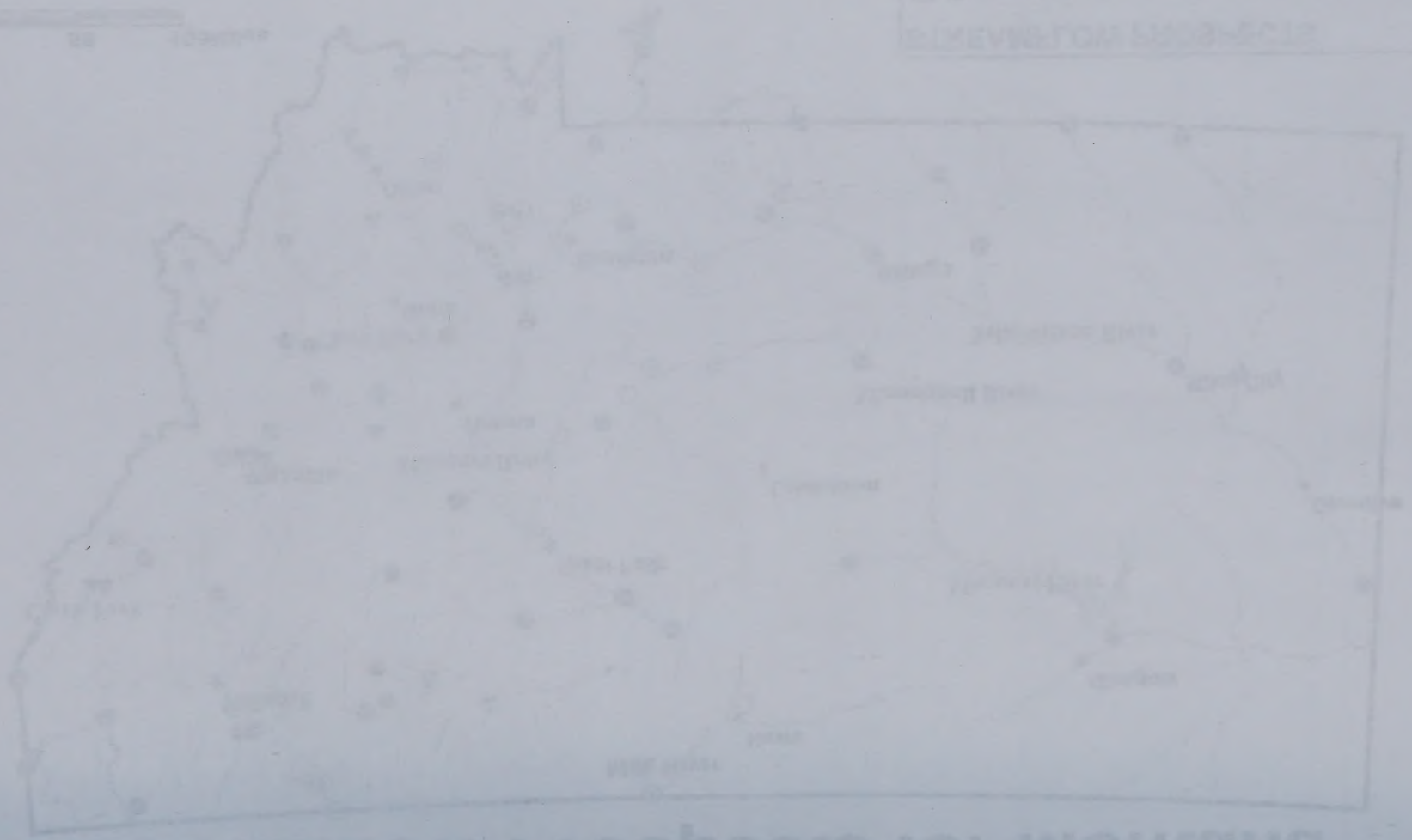
STREAMFLOW PROSPECTS

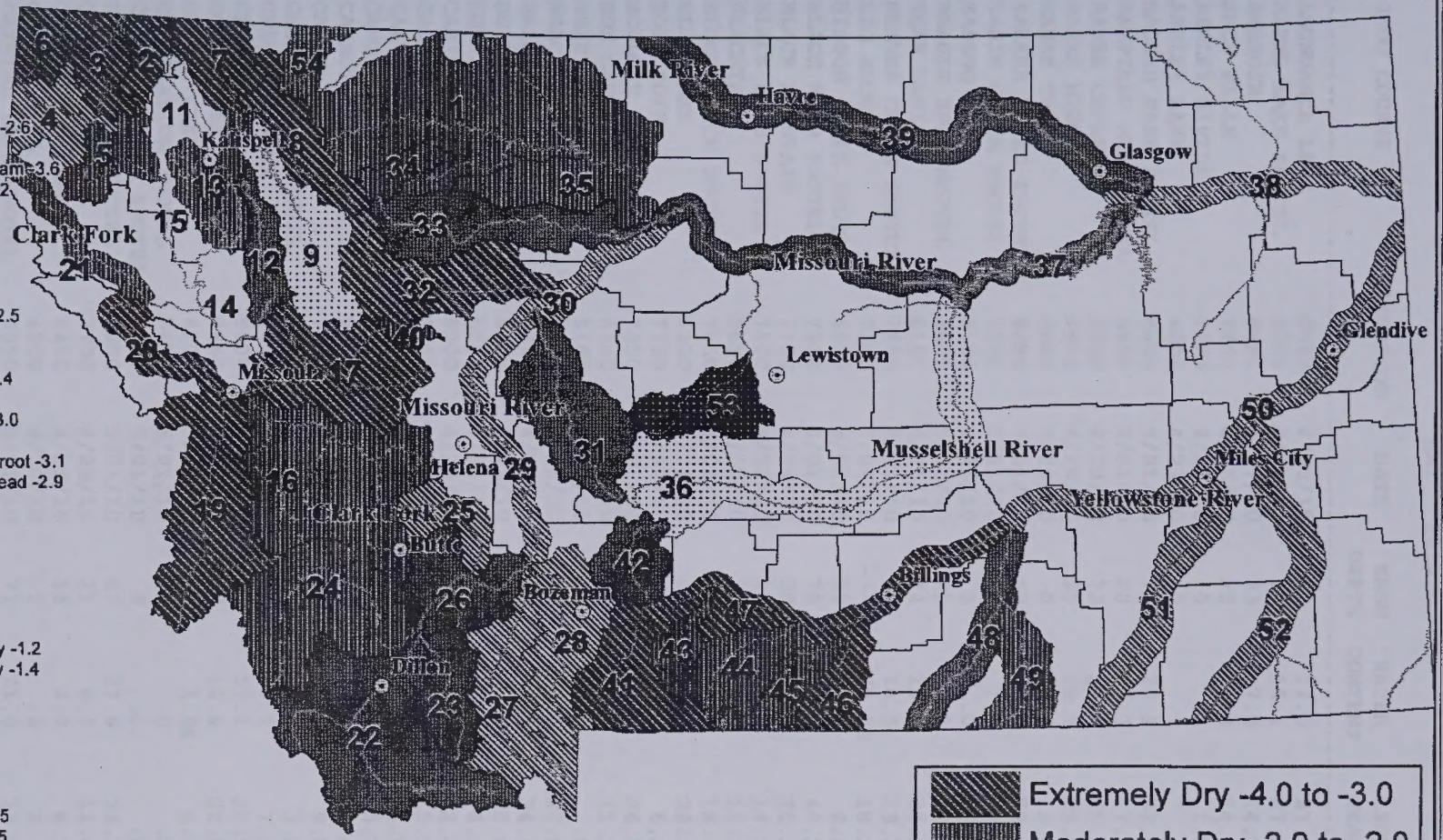
- ■ Extremely Above Average (Over150)
- □ Much Above Average (131 - 150)
- ● Above Average (111 - 130)
- ○ Near Average (91 - 110)
- ⊙ Below Average (71 - 90)
- ● Much Below Average (51 - 70)
- ▲ Extremely Below Average (Below 51)



RIVER INDEX & SWSI VALUES

Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE



1 Marias above Tiber Reservoir -2.6
2 Tobacco -3.3
3 Kootenai Ft. Steele to Libby Dam -3.6
4 Kootenai below Libby Dam -1.2
5 Fisher -2.9
6 Yaak -3.5
7 North FK. Flathead -3.3
8 Middle FK. Flathead -3.2
9 South FK. Flathead 1.6
10 Flathead at Columbia Falls -2.5
12 Swan -0.6
13 Flathead at Polson -2.8
16 Clark Fork above Milltown -2.4
17 Blackfoot -3.1
18 Clark Fork above Missoula -3.0
19 Bitterroot -3.3
20 Clark Fork River below Bitterroot -3.1
21 Clark Fork River below Flathead -2.9
22 Beaverhead 0.2
23 Ruby -0.7
24 Big Hole -2.0
25 Boulder (Jefferson) -1.6
26 Jefferson -0.5
27 Madison -1.7
28 Gallatin -1.2
29 Missouri above Canyon Ferry -1.2
30 Missouri below Canyon Ferry -1.4
31 Smith 0.5
32 Sun -3.4
33 Teton -0.2
34 Birch/Dupuyer Creeks -2.5
35 Marias -2.4
36 Musselshell 1.0
37 Missouri above Fort Peck -0.5
38 Missouri below Fort Peck -1.5
39 Milk 0.3
40 Dearborn near Craig -2.4
41 Yellowstone above Livingston -3.3
42 Shields -0.1
43 Boulder (Yellowstone) -2.2
44 Stillwater -2.9
45 Rock/Red Lodge Creeks -2.0
46 Clarks Fork Yellowstone -3.1
47 Yellowstone above Bighorn River -3.1
48 Bighorn below Bighorn Lake -0.1
49 Little Bighorn -2.3
50 Yellowstone below Bighorn -1.7
51 Tongue -1.6
52 Powder -1.1
53 Upper Judith 3.0
54 Saint Mary -2.4

Extremely Dry -4.0 to -3.0
Moderately Dry -2.9 to -2.0
Slightly Dry -1.9 to -1.0
Near Average -0.9 to 0.9
Sightly Wet 1.0 to 1.9
Moderately Wet 2.0 to 2.9
Extremely Wet 3.0 to 4.0
SWSI Not Applicable

Current as of May 1, 2010

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

NRCS Natural Resources Conservation Service

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Surface Water Supply Index (SWSI) Values

SNOW COURSE AND SNOTEL SUMMARY

MAY 2010

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ABUNDANCE LAKE	8800	4/28/10	52	17.5	27.2	22.9
ALBRO LAKE SNOTEL	8300	5/01/10	49	16.1	27.2	23.3
AMBROSE	6480	4/27/10	23	7.0	14.3	11.1
ARCH FALLS	7350	4/26/10	25	7.4	14.5	13.1
ASHLEY DIVIDE	4820	4/29/10	0	.0	1.1	1.1
ASHLEY LAKE	4000	4/29/10	0	.0	.0	1.2
BADGER PASS SNOTEL	6900	5/01/10	71	26.9	32.8	36.2
BANFIELD MTN SNOTEL	5600	5/01/10	20	7.3	17.7	17.1
BAREE CREEK	5500	4/29/10	73	27.4	35.2	40.3
BAREE MIDWAY	4600	4/29/10	55	18.1	29.7	27.4
BAREE TRAIL	3800	4/29/10	0	.0	2.8	1.3
BARKER LAKES SNOTEL	8250	5/01/10	60	17.3	22.7	16.2
BASIN CREEK SNOTEL	7180	5/01/10	26	7.0	9.6	10.0
BASSOO PEAK	5150	4/26/10	0	.0	5.6	3.2
BEAGLE SPGS SNOTEL	8850	5/01/10	31	9.5	12.7	9.3
BEAR BASIN	8150	4/26/10	44	15.9	25.5	21.2
BEAVER CREEK SNOTEL	7850	5/01/10	44	14.5	23.3	18.8
BIG SNOWY	7150	5/01/10	---	32.3E	18.2	22.5
BISSON CREEK SNOTEL	4920	5/01/10	39	8.7	6.6	3.6
BLACK BEAR SNOTEL	7950	5/01/10	78	27.2	40.2	39.9
BLACK MOUNTAIN	7750	4/29/10	38	11.5	20.3	16.9
BLACK PINE SNOTEL	7100	5/01/10	22	6.1	14.5	11.0
BLACKTAIL	5650	4/29/10	27	6.3	11.3	9.7
BLOODY DICK SNOTEL	7550	5/01/10	15	5.1	15.4	10.9
BLUE LAKE	5900	4/26/10	41	15.5	29.2	22.4
BOTS SOTS	7750	4/29/10	0	.0	6.2	7.4
BOULDER MTN SNOTEL	7950	5/01/10	74	20.9	24.9	21.6
BOX CANYON SNOTEL	6700	5/01/10	15	2.6	11.1	6.0
BOXELDER CREEK	5100	4/29/10	10	1.2	.8	2.6
BRACKETT CR SNOTEL	7320	5/01/10	68	21.3	25.5	21.5
BRANHAM LAKES	8850	4/27/10	63	26.0	34.9	32.2
BULL MOUNTAIN	6600	4/28/10	0	.0	5.8	2.6
BURNT MTN SNOTEL	5880	5/01/10	0	.0	6.4	1.0
CABIN CREEK	5200	4/28/10	0	.0	2.2	1.4
CALL ROAD	8050	4/26/10	22	6.5	15.3	12.5
CALVERT CR SNOTEL	6430	5/01/10	3	.5	5.9	2.4
CAMP SENIA	7890	4/29/10	20	4.9	15.1	7.6
CARROT BASIN SNOTEL	9000	5/01/10	72	22.9	33.6	31.0
CARTER CREEK	7400	4/29/10	6	1.4	9.0	6.0
CHESSMAN RESERVOIR	6200	4/29/10	0	.0	3.5	1.7
CHICKEN CREEK	4060	4/27/10	12	4.7	7.4	5.4
CLOVER MDW SNOTEL	8800	5/01/10	56	17.1	20.5	19.4
COLE CREEK SNOTEL	7850	5/01/10	47	14.8	22.9	19.7
COLLEY CREEK	6300	5/01/10	---	1.9E	4.9	4.3
COMBINATION SNOTEL	5600	5/01/10	0	.0	.0	1.2
COPPER BOTTOM SNOTEL	5200	5/01/10	0	.0	.0	4.5
COPPER CAMP SNOTEL	6950	5/01/10	67	27.6	39.3	--
COPPER MOUNTAIN	7700	4/25/10	21	6.7	11.0	10.0
COTTONWOOD CREEK	6400	4/29/10	15	4.0	8.2	7.3
COYOTE HILL	4200	4/30/10	5	.3	2.7	2.6
CRYSTAL LAKE SNOTEL	6050	5/01/10	71	21.8	13.9	9.4
DAD CREEK LAKE	8400	4/26/10	46	15.3	22.5	16.8
DAISY PEAK SNOTEL	7600	5/01/10	34	10.1	13.5	11.0
DALY CREEK SNOTEL	5780	5/01/10	9	2.3	8.6	5.3
DARKHORSE LK. SNOTEL	8700	5/01/10	72	25.0	37.7	35.4
DAVIS CREEK	5400	5/01/10	---	13.5E	22.7	20.2
DEADMAN CR SNOTEL	6450	5/01/10	51	11.1	9.5	5.9
DISCOVERY BASIN	7050	4/30/10	29	7.2	13.6	9.4
DIVIDE SNOTEL	7800	5/01/10	27	9.3	13.0	12.0
DIX HILL	6400	4/25/10	0	.0	5.9	3.8
DUPUYER CREEK SNOTEL	5750	5/01/10	11	2.0	10.3	7.9
EAST FORK R.S.	5400	4/26/10	0	.0	.0	.7
ELK HORN SPRINGS	7800	4/26/10	10	2.7	7.5	7.5

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ELK PEAK	8000	4/30/10	41	12.4	17.7	17.8
EMERY CREEK SNOTEL	4350	5/01/10	6	2.3	7.6	7.4
FATTY CREEK	5500	5/01/10	---	18.7E	21.2	23.4
FISH CREEK	8000	5/01/10	---	8.7E	15.2	11.5
FISHER CREEK SNOTEL	9100	5/01/10	83	24.8	39.9	37.8
FIVE-BULL	5700	4/27/10	0	.0	2.9	2.0
FLATTOP MTN SNOTEL	6300	5/01/10	123	39.8	35.3	46.7
FLEECER RIDGE	7500	4/29/10	6	1.1	10.8	8.7
FOOLHEN	8280	4/26/10	33	10.0	16.3	17.7
FOUR MILE	6900	4/26/10	11	3.2	8.7	6.2
FREIGHT CREEK	6000	4/28/10	9	2.6	8.4	12.0
FROHNER MDWS SNOTEL	6480	5/01/10	19	4.3	10.2	6.5
GARVER CREEK SNOTEL	4250	5/01/10	4	1.6	8.9	3.2
GOLD STONE	8100	4/26/10	25	8.4	20.0	17.7
GRASSHOPPER	7000	4/30/10	9	1.3	5.1	4.0
GRAVE CRK SNOTEL	4300	5/01/10	14	5.5	8.0	7.0
GRIFFIN CR DIVIDE	5150	4/26/10	0	.0	6.4	4.9
GUNSIGHT LAKE	6300	4/26/10	67	25.4	33.1	--
HAND CREEK SNOTEL	5030	5/01/10	12	4.1	10.0	6.8
HAWKINS LAKE SNOTEL	6450	5/01/10	55	19.8	27.3	28.9
HEBGEN DAM	6550	4/30/10	3	.5	2.6	6.6
HELL ROARING DIVIDE	5770	4/30/10	59	21.5	27.9	29.0
HERRIG JUNCTION	4850	5/01/10	---	18.8E	17.6	22.9
HOLBROOK	4530	5/01/10	0	.0	.6	1.2
HOODOO BASIN SNOTEL	6050	5/01/10	79	26.7	40.5	45.7
ICEBERG LAKE NO 3	5600	4/26/10	44	20.9	27.6	27.7
INDEPENDENCE	7850	4/29/10	35	9.4	16.0	16.1
INTERGAARD	6450	4/26/10	6	1.9	6.9	6.1
JAHNKE LAKE TRAIL	7200	4/26/10	7	2.1	11.0	9.4
JOHNSON PARK	6450	4/27/10	0	.0	4.9	1.4
JOSEPHINE LOWER NO 9	4900	4/27/10	15	6.2	9.0	13.0
KRAFT CREEK SNOTEL	4750	5/01/10	2	.6	2.2	5.2
LAKE CREEK	6100	4/26/10	0	.0	4.4	2.7
LAKEVIEW RDG. SNOTEL	7400	5/01/10	13	4.3	12.9	8.7
LEMHI RIDGE SNOTEL	8100	5/01/10	35	10.1	16.4	10.9
LICK CREEK SNOTEL	6860	5/01/10	39	9.2	13.8	10.1
LITTLE PARK	7400	4/29/10	35	8.1	17.6	15.9
LOGAN CREEK	4300	4/26/10	0	.0	5.9	1.7
LONE MOUNTAIN SNOTEL	8880	5/01/10	59	16.1	23.0	20.8
LOWER TWIN SNOTEL	7900	5/01/10	58	16.9	23.8	21.3
LUBRECHT SNOTEL	4680	5/01/10	0	.0	.0	.5
LUBRECHT FOREST NO 3	5450	5/01/10	---	.0E	1.8	1.7
LUBRECHT FOREST NO 4	4650	5/01/10	---	.0E	.0	.1
LUBRECHT FOREST NO 6	4040	5/01/10	---	.0E	.0	.0
MADISON PLT SNOTEL	7750	5/01/10	55	16.1	25.6	24.2
MANY GLACIER SNOTEL	4900	5/01/10	0	.0	5.2	5.7
MARIAS PASS	5250	4/28/10	12	4.0	10.8	12.5
MIDDLE MILL CREEK	7850	4/27/10	33	12.2	18.0	15.1
MILL CREEK	7500	5/01/10	---	6.3E	17.1	10.3
MINERAL CREEK	4000	5/01/10	0	.0	.5	9.6
MONUMENT PK SNOTEL	8850	5/01/10	64	17.5	26.8	23.2
MOSS PEAK SNOTEL	6780	5/01/10	121	42.1	36.4	41.8
MOULTON RESERVOIR	6850	5/01/10	---	.0E	6.2	3.5
MOUNT ALLEN NO 7	5700	4/27/10	67	28.7	25.4	41.7
MT LOCKHART SNOTEL	6400	5/01/10	43	13.6	21.3	21.2
MUDD LAKE	7650	4/26/10	29	9.6	20.7	18.1
MULE CREEK SNOTEL	8300	5/01/10	46	12.8	20.7	17.0
N.E. ENTRANCE SNOTEL	7350	5/01/10	3	.6	5.8	7.1
NEVADA RIDGE SNOTEL	7020	5/01/10	32	8.8	16.7	14.4
NEW WORLD	6900	4/26/10	24	8.7	16.1	--
NEZ PERCE CMP SNOTEL	5650	5/01/10	23	5.5	14.6	10.8
NEZ PERCE CREEK	6600	4/25/10	0	.0	1.9	2.7
NEZ PERCE PASS	6570	5/01/10	---	7.8E	17.9	14.2
N.F. ELK CR SNOTEL	6250	5/01/10	17	5.2	12.8	8.0
NF JOCKO SNOTEL	6330	5/01/10	100	36.4	42.6	44.4
NOISY BASIN SNOTEL	6040	5/01/10	136	38.8	42.6	43.8
NOTCH	8500	4/26/10	49	17.0	23.9	19.4

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
OPHIR PARK	7150	4/25/10	23	8.2	15.8	16.0
PETERSON MDW SNOTEL	7200	5/01/10	39	10.4	16.0	11.0
PICKET PIN LOWER	6200	4/28/10	0	.0	6.5	--
PICKET PIN MIDDLE	7250	4/28/10	0	.0	11.5	--
PICKET PIN UPPER	8100	4/28/10	52	17.5	27.0	--
PICKFOOT CRK SNOTEL	6650	5/01/10	25	4.5	12.2	6.4
PIEGAN PASS NO 6	5500	4/27/10	52	21.8	28.4	35.5
PIKE CREEK SNOTEL	5930	5/01/10	15	5.0	16.6	25.9
PIPESTONE PASS	7200	4/25/10	3	1.8	4.3	4.8
PLACER BASIN SNOTEL	8830	5/01/10	56	15.1	25.5	19.8
POORMAN CR SNOTEL	5100	5/01/10	47	20.4	30.0	30.0
PORCUPINE SNOTEL	6500	5/01/10	7	1.3	4.1	3.6
POTOMAGETON PARK	7150	5/01/10	11	3.3	12.0	8.3
PTARMIGAN	5800	4/26/10	49	21.0	33.7	33.5
RED MOUNTAIN	6000	4/30/10	31	11.1	19.6	16.4
REVAIS CREEK	4800	4/26/10	0	.0	.2	.5
ROCK CREEK	5600	5/01/10	---	4.4E	4.2	4.4
ROCK CREEK MEADOW	8160	4/27/10	48	14.3	28.5	22.7
ROCKER PEAK SNOTEL	8000	5/01/10	52	13.6	20.4	16.6
ROCKY BOY SNOTEL	4700	5/01/10	15	3.5	1.2	1.2
SACAJAWEA SNOTEL	6550	5/01/10	43	12.9	13.9	12.8
SADDLE MTN SNOTEL	7900	5/01/10	50	13.7	26.9	26.5
S.F. SHIELDS SNOTEL	8100	5/01/10	61	18.9	21.4	19.6
SHORT CREEK SNOTEL	7000	5/01/10	11	3.1	6.3	4.7
SHOWER FALLS SNOTEL	8100	5/01/10	79	23.4	32.6	26.9
SKALKAHO SNOTEL	7260	5/01/10	45	12.3	22.5	25.4
SLAG-A-MELT LAKE	8750	4/26/10	44	15.0	31.6	26.7
SLEEPING WOMAN SNTL	6150	5/01/10	37	10.2	18.0	13.4
SLIDE ROCK MOUNTAIN	7100	4/26/10	26	8.8	17.3	15.7
SMUGGLER MINE	6960	4/27/10	20	6.4	7.5	7.6
SPOTTED BEAR MTN.	7000	5/01/10	---	5.0E	9.4	7.6
SPUR PARK SNOTEL	8100	5/01/10	82	23.0	26.9	23.2
STAHL PEAK SNOTEL	6030	5/01/10	94	34.0	32.6	37.1
STEMPLE PASS	6600	4/30/10	24	5.6	9.1	9.3
STORM LAKE	7780	4/30/10	45	12.3	20.4	14.3
STRYKER BASIN	6180	4/27/10	62	25.1	27.1	32.6
STUART MOUNTAIN SNTL	7400	5/01/10	87	28.8	37.7	32.3
TAYLOR ROAD	4080	4/29/10	8	1.9	.0	.3
TEN MILE LOWER	6600	4/29/10	8	1.2	7.1	4.5
TEN MILE MIDDLE	6800	4/29/10	26	7.5	11.6	11.2
TEPEE CREEK SNOTEL	8000	5/01/10	23	7.8	15.6	13.6
TIMBERLINE CREEK	8850	4/29/10	37	9.8	20.0	17.3
TIZER BASIN SNOTEL	6840	5/01/10	33	6.2	11.5	9.5
TRAIL CREEK	7090	4/26/10	9	2.8	11.0	6.1
TRINKUS LAKE	6100	5/01/10	---	35.1E	36.5	40.8
TRUMAN CREEK	4060	4/29/10	0	.0	.2	.1
TV MOUNTAIN	6800	5/01/10	---	15.2E	18.6	17.1
TWELVEMILE SNOTEL	5600	5/01/10	5	.9	12.0	8.8
TWENTY-ONE MILE	7150	5/01/10	18	5.4	13.4	13.4
TWIN CREEKS	3580	4/26/10	2	.7	1.0	1.7
TWIN LAKES SNOTEL	6400	5/01/10	67	22.8	39.9	38.5
UPPER HOLLAND LAKE	6200	5/01/10	---	28.1E	32.9	33.5
WALDRON SNOTEL	5600	5/01/10	16	4.2	10.3	6.4
WARM SPRINGS SNOTEL	7800	5/01/10	72	21.6	31.7	23.7
WEASEL DIVIDE	5450	4/30/10	64	23.2	26.6	32.7
WEST YELL'ST SNOTEL	6700	5/01/10	5	.7	6.7	6.1
WHISKEY CREEK SNOTEL	6800	5/01/10	30	9.1	18.7	15.2
WHITE MILL SNOTEL	8700	5/01/10	61	17.4	27.3	26.4
WHITE PINE RIDGE	8850	4/26/10	22	8.4	9.9	5.6
WILLOW CREEK	6500	4/28/10	0	.0	7.4	4.0
WOOD CREEK SNOTEL	5960	5/01/10	7	2.3	12.2	8.5
WRONG CREEK	5700	4/27/10	0	.0	5.6	7.7
WRONG RIDGE	6800	5/01/10	---	10.3E	17.4	17.0

Montana Water Supply Outlook Report as of May 1, 2010

April precipitation has improved Mountain snowpack. April mountain precipitation was the best month since last October. April mountain precipitation west of the Divide was 125 percent of average and east of the Divide was 123 percent of average. State-wide mountain snow water contents were 68 percent of average and 62 percent of those on May first last year. Snow water content in the Columbia River Basin was 68 percent of average and 67 percent of last year, the Missouri River Basin was 71 percent of average and 62 percent of last year, and the Yellowstone River Basin was 68 percent of average and 61 percent of last year. Although recent storms have improved the summer streamflow outlook, streamflow forecasts in most river basins remain below to well below average.

Snowpack

May 1 mountain snowpack state-wide was 68 percent of average and 62 percent of last year. West of the Divide was 68 percent of average and 67 percent of last year. East of the Divide was 69 percent of average and 62 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR	APRIL % CHANGE
COLUMBIA	68	67	+7
KOOTENAI, MONTANA	70	72	+8
KOOTENAI, CANADA	68	82	0
FLATHEAD, MONTANA	75	81	+10
UPPER CLARK FORK	68	60	+4
BITTERROOT	50	46	-5
LOWER CLARK FORK	64	63	+10
MISSOURI	71	62	+2
MISSOURI HEADWATERS	67	57	-2
JEFFERSON	67	56	-3
MADISON	65	58	+2
GALLATIN	75	64	+2
MISSOURI MAINSTEM	83	75	+11
HEADWATERS MAINSTEM	71	59	-5
SMITH-JUDITH-MUSSELSHELL	113	96	+23
SUN-TETON-MARIAS	53	53	+3
MILK (Bearpaw Mtns)	161	330	---
ST. MARY	65	84	+5
ST. MARY & MILK	67	87	+5
YELLOWSTONE	68	61	-1
UPPER YELLOWSTONE	63	52	-4
LOWER YELLOWSTONE	70	68	0
STATE-WIDE	68	62	+3

Precipitation

April, mountain and valley, precipitation across the state was 129 percent of average and 121 percent of last year, while the water year precipitation was 85 percent of average and 80 percent of last year. West of the Divide, April mountain and valley precipitation was 125 percent of average and 168 percent of last year and the water year precipitation was 78 percent of average and 79 percent of last year. East of the Divide, April mountain and valley precipitation was 132 percent of average and 106 percent of last year and the water year precipitation was 90 percent of average and 80 percent of last year.

RIVER BASIN	APRIL % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	125	78
KOOTENAI	120	79
FLATHEAD	150	86
UPPER CLARK FORK	110	77
BITTERROOT	103	65
LOWER CLARK FORK	135	72
MISSOURI	141	92
JEFFERSON	109	80
MADISON	128	79
GALLATIN	120	89
MISSOURI MAINSTEM	136	102
SMITH-JUDITH-MUSSELSHELL	189	116
SUN-TETON-MARIAS	137	80
MILK	234	128
ST. MARY	114	79
YELLOWSTONE	110	81
UPPER YELLOWSTONE	100	77
LOWER YELLOWSTONE	121	87
STATE-WIDE	129	85

Reservoirs

Major reservoir storage state wide was 104 percent of average and 111 percent of last year. Reservoir storage west of the Divide was 150 percent of average and 106 percent of last year. East of the Divide, reservoir storages were 92 percent of average and 113 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	150	106
KOOTENAI	185	102
FLATHEAD	131	113
UPPER CLARK FORK	122	108
BITTERROOT	80	59
LOWER CLARK FORK	110	95
MISSOURI	91	114
JEFFERSON	111	117
MADISON	123	115
GALLATIN	143	117
MISSOURI MAINSTEM	89	115
SMITH-JUDITH-MUSSELSHELL	99	107
SUN-TETON-MARIAS	99	96
MILK	109	102
ST. MARY	54	42
YELLOWSTONE	121	107
UPPER YELLOWSTONE	113	119
LOWER YELLOWSTONE	121	106
STATE-WIDE	104	111

Streamflow

Seasonal Streamflow Forecasts

Assuming average precipitation May through July, streamflows state-wide are forecast to average 65 percent and 62 percent of last year. West of the Divide, streamflows are forecast to average 62 percent and 60 percent of last year. East of the Divide, streamflows are forecast to average 66 percent and 62 percent of last year.

Below are averaged River Basin streamflow forecast summaries for the period May 1 through July 31. THESE FORECASTS ASSUME NORMAL SPRING CONDITIONS AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR WELL ABOVE AVERAGE (130% or more) SNOWMELT OR SPRING RAIN. Specific forecast probabilities are available in each individual River Basin Report.

RIVER BASIN	May-July THIS YEAR % OF AVERAGE	May-July LAST YEAR % OF AVERAGE
COLUMBIA	62	103
KOOTENAI	60	93
FLATHEAD	78	96
UPPER CLARK FORK	55	117
BITTERROOT	51	106
LOWER CLARK FORK	49	98
MISSOURI	66	107
JEFFERSON	54	117
MADISON	66	100
GALLATIN	77	115
MISSOURI MAINSTEM	60	109
SMITH-JUDITH-MUSSELSHELL	87	118
SUN-TETON-MARIAS	57	91
MILK	85	87
ST. MARY	81	89
YELLOWSTONE	65	107
UPPER YELLOWSTONE	68	108
LOWER YELLOWSTONE	61	105
STATE-WIDE	65	105

NOTE: The MAY-JULY LAST YEAR % OF AVERAGE column above is last years forecasts on May 1, NOT of what actually occurred.

Snowmelt Peak Streamflow Forecasts

Snowmelt Peak Streamflow Forecasts based on May 3 data.

WATERSHED	PEAK FLOW DATES
COLUMBIA RIVER BASIN	
Bitterroot River near Darby	May 21 to May 27
Bitterroot River at Missoula	May 22 to May 28
Blackfoot River near Bonner	May 20 to May 26
Clark Fork River above Missoula	May 22 to May 28
Clark Fork River at St. Regis	May 23 to May 29
Clark Fork River below Missoula	May 24 to May 30
Como Reservoir Inflow	May 22 to May 28
Fisher River near Libby	May 11 to May 17
Lower Willow Creek Reservoir Inflow	May 11 to May 17
Little Blackfoot River near Garrison	May 15 to May 21
Middle Fork Flathead River near West Glacier	May 19 to May 25
Middle Fork Rock Creek near Phillipsburg	May 23 to May 29
Mill Creek near Niarada	May 8 to May 14
Nevada Creek near Helmville	May 16 to May 22
North Fork Flathead River near Columbia Falls	May 20 to May 26
Prospect Creek at Thompson Falls	May 15 to May 21
South Fork Flathead River near Hungry Horse	May 21 to May 27
South Fork Jocko River Near Arlee	May 18 to May 24
Swan River near Big Fork	May 23 to May 29
Thompson River near Thompson Falls	May 15 to May 21
Tobacco River near Eureka	May 16 to May 22
Yaak River near Troy	May 11 to May 17
MISSOURI RIVER BASIN	
Badger Creek near Browning	May 22 to May 28
Big Hole River at Wisdom	May 28 to June 3
Big Hole River near Melrose	May 28 to June 3
Boulder River near Boulder	May 20 to May 26
Clark Canyon Reservoir Inflow	May 30 to June 5
Cut Bank Creek near Browning	May 22 to May 28
Dearborn River near Craig	May 14 to May 21
Gallatin River near Gateway	June 3 to June 9
Gallatin River near Logan	June 4 to June 10
Gibson Reservoir Inflow	May 25 to May 31
Hebgen Reservoir Inflow	May 22 to May 28
Jefferson River near Three Forks	June 1 to June 7
Middle Creek Reservoir Inflow	June 1 to June 7
Madison River near West Yellowstone	May 11 to May 24
Marias River near Shelby	May 23 to May 29
Missouri River at Toston	June 2 to June 8
Musselshell River near Harlowton	May 21 to May 27
North Fork Musselshell near Delpine	May 22 to May 28
Ruby Reservoir Inflow	May 25 to May 31
Sheep Creek near White Sulphur Springs	May 18 to May 24
Smith River below Eagle Creek near Fort Logan	May 24 to May 30
South Fork Musselshell River above Martinsdale	May 22 to May 28
Swift Reservoir Inflow	May 22 to May 28
Two Medicine River near Browning	May 20 to May 26
Willow Creek near Harrison	May 27 to June 2
SASKATCHEWAN RIVER BASIN	
Lake Sherburne Inflow	May 29 to June 4
St. Mary River at International Boundary	May 29 to June 4
YELLOWSTONE RIVER BASIN	
Big Goose Creek near Sheridan Wyoming	Not Available

Boulder River near Big Timber	Not Available
Clarks Fork River near Belfry	Not Available
Cooney Reservoir Inflow	Not Available
Little Bighorn near Hardin	Not Available
Little Goose Creek near Big Horn Wyoming	Not Available
Mystic Reservoir Inflow	Not Available
Powder River near Moorehead	Not Available
Shields River near Livingston	Not Available
Stillwater River near Absarokee	Not Available
Tongue River near Dayton Wyoming	Not Available
Tongue River Reservoir Inflow	Not Available
Yellowstone River at Billings	Not Available
Yellowstone River at Corwin Springs	Not Available
Yellowstone River at Lake Outlet	Not Available
Yellowstone River at Livingston	Not Available

Snowmelt peak volume forecasts are computed using May 1 streamflow forecasts.

	PEAK RANGE	PEAK RANGE	AVERAGE
COLUMBIA RIVER			
Bitterroot near Darby	2,000 to 3,350	37 to 61	5,454
Blackfoot near Bonner	2,850 to 5,600	33 to 66	8,512
Clark Fork ab Missoula	5,100 to 9,500	35 to 65	14,698
Clark Fork blw Missoula	8,300 to 20,000	29 to 70	28,482
Clark Fork at St. Regis	10,500 to 24,600	29 to 68	35,987
Como Reservoir Inflow	675 to 1,140	61 to 104	1,099
Fisher Creek nr Libby	600 to 2,100	26 to 90	2,334
Little Blackfoot near Garrison	430 to 750	39 to 67	1,115
Lower Willow Cr. Res. Inflow	40 to 155	19 to 72	214
Middle Fork Flathead nr West Glacier	9,600 to 15,250	50 to 80	19,126
Middle Fork Rock Creek near Philipsburg	360 to 620	44 to 76	821
Nevada Creek nr Helmville	40 to 185	13 to 61	301
North Fork Flathead near Columbia Falls	9,000 to 18,000	45 to 91	19,788
Prospect Creek at Thompson Falls	280 to 640	23 to 53	1,219
Swan River at Big Fork	3,560 to 5,400	72 to 110	4,929
Thompson River near Thompson Falls	530 to 1,150	26 to 56	2,047
Tobacco R. near Eureka	620 to 1,000	45 to 72	1,388
Yaak River near Troy	730 to 3,900	12 to 67	5,859
MISSOURI RIVER			
Badger Cr. nr Browning	510 to 1,280	30 to 76	1,691
Big Hole near Melrose	1,800 to 4,800	25 to 67	7,139
Big Hole at Wisdom	300 to 1,200	19 to 77	1,566
Boulder R. near Boulder	430 to 830	36 to 70	1,183
Cut Bank near Browning	440 to 770	51 to 90	857
Clark Canyon Res Inflow	240 to 960	20 to 81	1,191
Dearborn R. near Craig	550 to 1,250	32 to 74	1,697
Gallatin near Gateway	3,150 to 4,600	60 to 88	5,232
Gallatin near Logan	2,400 to 4,650	44 to 85	5,468
Gibson Reservoir Inflow	2,450 to 5,150	32 to 67	7,697
Jefferson nr Three Forks	1,700 to 5,100	18 to 53	9,626
Marias near Shelby	1,420 to 4,000	20 to 57	6,980
Middle Creek Res Inflow	152 to 258	58 to 98	262
Missouri at Toston	6,800 to 15,000	37 to 82	18,209
Musselshell at Harlowton	550 to 1,080	43 to 84	1,293
N. Fk. Musselshell near Delpine	20 to 57	41 to 116	49
Ruby Reservoir Inflow	420 to 940	40 to 89	1,055
Sheep Creek near White			

Sulphur Springs	154	to	365	.....	81	to	192	.....	190
S. Fk. Musselshell above Martinsdale	400	to	1,060	.....	35	to	94	.....	1,133
Swift Reservoir Inflow	460	to	1,000	.....	40	to	86	.....	1,162
Two Medicine nr Browning	980	to	1,910	.....	26	to	50	.....	3,838
Willow Creek near Harrison	90	to	235	.....	42	to	109	.....	215
SASKATCHEWAN RIVER									
Lake Sherburne Inflow ...	750	to	1,340	.....	44	to	79	.....	1,694
St. Mary at US Border ...	3,250	to	5,100	.....	78	to	122	.....	4,188
YELLOWSTONE RIVER									
Boulder near Big Timber .	2,300	to	4,500	.....	46	to	89	.....	5,051
Clarks Fork near Belfry .	3,250	to	6,250	.....	43	to	83	.....	7,554
Cooney Reservoir Inflow ..	100	to	825	.....	12	to	99	.....	831
L. Bighorn near Hardin ..	600	to	1,325	.....	32	to	70	.....	1,895
L. Goose nr Big Horn WY .	65	to	350	.....	19	to	104	.....	338
West Rosebud near Roscoe ..	560	to	980	.....	59	to	103	.....	948
Powder R. at Moorehead ..	1,100	to	4,100	.....	25	to	94	.....	4,374
Shields R. nr Livingston	890	to	1,760	.....	46	to	91	.....	1,940
Stillwater nr Absarokee .	3,000	to	5,100	.....	49	to	83	.....	6,129
Tongue River near Dayton	440	to	1,100	.....	44	to	109	.....	1,006
Tongue River Res Inflow .	1,200	to	2,900	.....	38	to	91	.....	3,199
Yellowstone at Billings	18,000	to	32,000	.....	43	to	77	.....	41,617
Yellowstone Lake outlet .	2,390	to	3,900	.....	44	to	71	.....	5,487
Yellowstone at Corwin Springs	7,500	to	13,250	.....	43	to	75	.....	17,570
Yellowstone at Livingston	9,500	to	16,000	.....	47	to	79	.....	20,364

Provisional data and are subject to revision. Snowmelt forecasts will be updated weekly until snowmelt peak flows actually occur.

NOTE: The low number in the flow range represents the maximum daily flow that would be expected to occur with little rainfall during the peak snowmelt period. The high number in the flow range could be expected with moderate amounts of rain about the same time as maximum snowmelt runoff is occurring.

Surface Water Supply Index

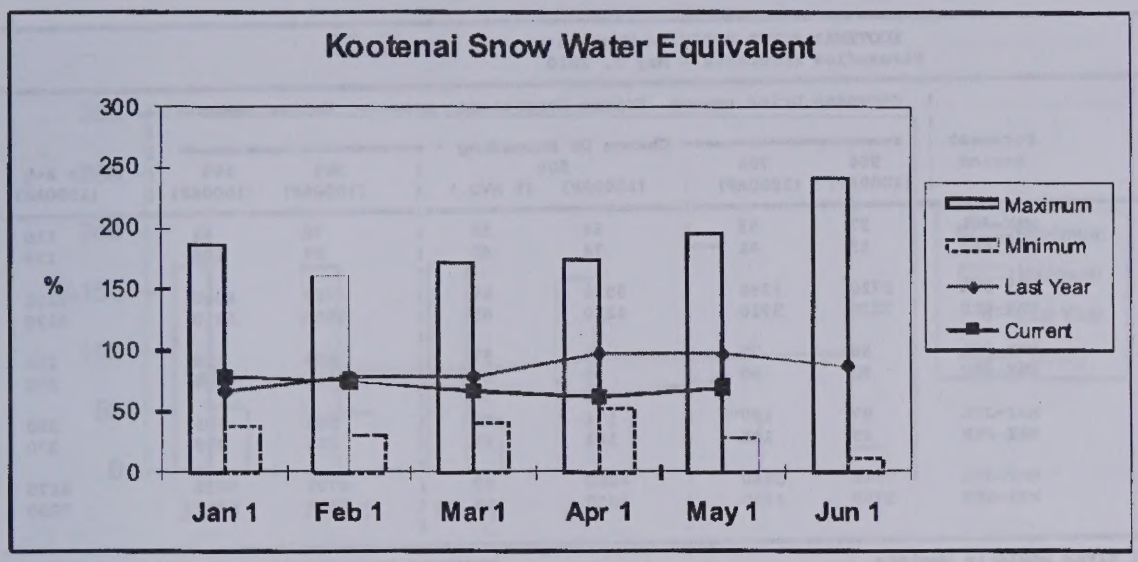
The Surface Water Supply Index (SWSI) is an indicator of surface water supply conditions for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

This Year SWSI	Last Year SWSI	Basin
-3.3	-0.9	Tobacco River
-3.6	-1.0	Kootenai Ft. Steele to Libby Dam
-1.2	-0.3	Kootenai River below Libby Dam
-2.9	+1.4	Fisher River
-3.5	-0.4	Yaak River
-3.3	-2.2	North Fork Flathead River
-3.2	-0.5	Middle FORK Flathead River
+1.6	+2.4	South Fork Flathead River
-2.5	+0.1	Flathead River at Columbia Falls
-0.6	-0.6	Swan River
-2.8	+0.9	Flathead River at Polson
----	----	Mission Valley
----	----	Little Bitterroot River
-2.4	+2.1	Clark Fork River above Milltown
-3.1	+2.3	Blackfoot River
-3.3	+1.0	Bitterroot River
-3.1	+1.8	Clark Fork River below Bitterroot River
-2.9	+1.2	Clark Fork River below Flathead River
+0.2	+0.5	Beaverhead River
-0.7	+1.1	Ruby River
-2.0	+2.2	Big Hole River
-1.6	+2.3	Boulder River (Jefferson)
-0.5	+1.7	Jefferson River
-1.7	+0.7	Madison River
-1.2	+2.1	Gallatin River
-1.2	+1.4	Missouri River above Canyon Ferry
-1.4	+1.1	Missouri River below Canyon Ferry
+0.5	+0.7	Smith River
-3.4	+1.1	Sun River
-0.2	+0.8	Teton River
-2.5	-0.6	Birch/Dupuyer Creeks
+3.0	+1.8	Upper Judith River
-2.6	----	Marias River above Tiber
-2.4	----	Marias River below Tiber
+1.0	+1.3	Musselshell River
-0.5	----	Missouri River above Ft. Peck
-1.5	-1.7	Missouri River below Ft. Peck
-2.4	-1.1	St. Mary River
+0.3	-0.1	Milk River
-2.4	+0.2	Dearborn River near Craig
-3.3	+1.7	Yellowstone River above Livingston
-0.1	+0.2	Shields River
-2.2	+3.3	Boulder River (Yellowstone)
-2.9	+0.7	Stillwater River
-2.0	+1.5	Rock/Red Lodge Creeks
-3.1	+1.4	Clarks Fork River
-3.1	+1.6	Yellowstone River above Bighorn River
-0.1	+2.9	Bighorn River below Bighorn Lake
-2.3	+1.2	Little Bighorn River
-1.7	+2.2	Yellowstone River below Bighorn River
-1.6	+2.6	Tongue River
-1.1	+1.9	Powder River

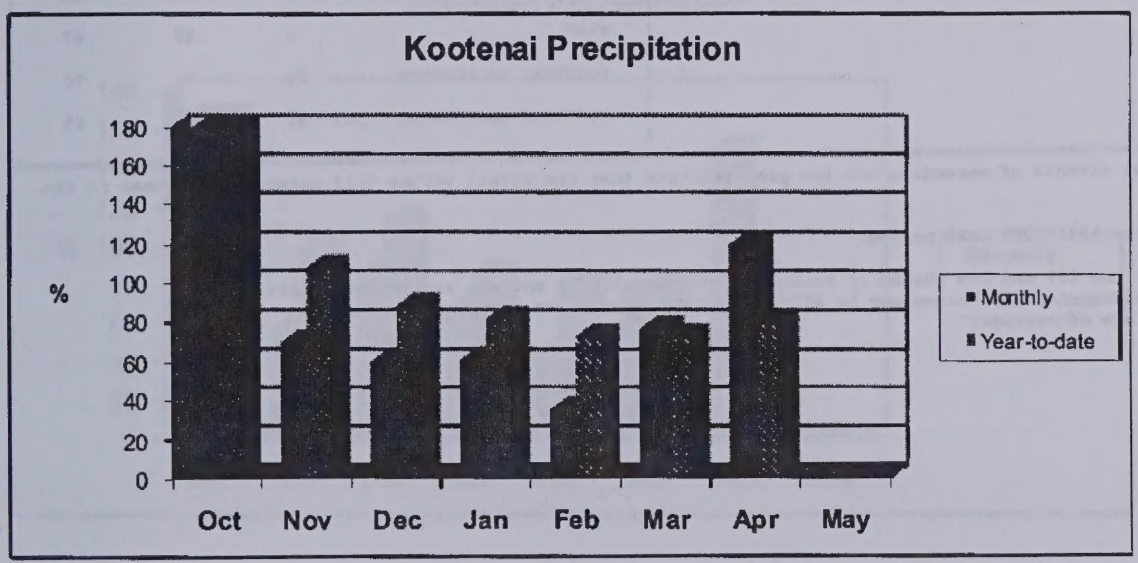
Kootenai River Basin in Montana

Snowpack in the Kootenai River Basin was below average and increased 8 percent from April 1. Snow water content was 70 percent of average and 72 percent of last year.



January maximum swe was established in 1997 and minimum was in 1977; February maximum swe was in 1997 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1974 and minimum swe was in 2001and 2005; May maximum swe was in 1974 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during April was 122 percent of average and 162 percent of last year. Valley precipitation during April was 72 percent of average and 133 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 79 percent of average and 91 percent of last year.



Lake Koocanusa storage was 185 percent of average and 102 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 60 percent and 64 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -3.3 in the Tobacco River; -3.6 in the Kootenai Ft. Steele to Libby Dam; -1.2 in the Kootenai River below Libby Dam; -2.9 in the Fisher River; and -3.5 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
TOBACCO RIVER nr Eureka	MAY-JUL	37	53	64	58	75	91	110
	MAY-SEP	43	61	74	60	87	105	124
LIBBY RES Inflow (1,2)	MAY-JUL	2720	3280	3530	69	3780	4340	5120
	MAY-SEP	3230	3910	4220	69	4530	5210	6120
FISHER RIVER nr Libby	MAY-JUL	50	73	89	57	105	128	155
	MAY-SEP	55	80	97	57	114	139	170
YAAK RIVER nr Troy	MAY-JUL	87	137	171	49	205	255	350
	MAY-SEP	93	145	181	49	215	270	370
KOOTENAI at Leonia (1,2)	MAY-JUL	2940	3860	4280	69	4700	5620	6170
	MAY-SEP	3760	4630	5020	69	5410	6280	7250

KOOTENAI RIVER BASIN in Montana
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE KOOCANUSA	5748.0	3607.0	3548.0	1948.9

KOOTENAI RIVER BASIN in Montana
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
KOOTENAY in CANADA	17	82	68
KOOTENAI MAINTSTEM	4	71	67
TOBACCO	3	93	82
FISHER	4	64	65
YAAK	4	59	67
KOOTENAI in MONTANA	14	72	70
KOOTENAI ab BONNERS FERRY	31	76	69

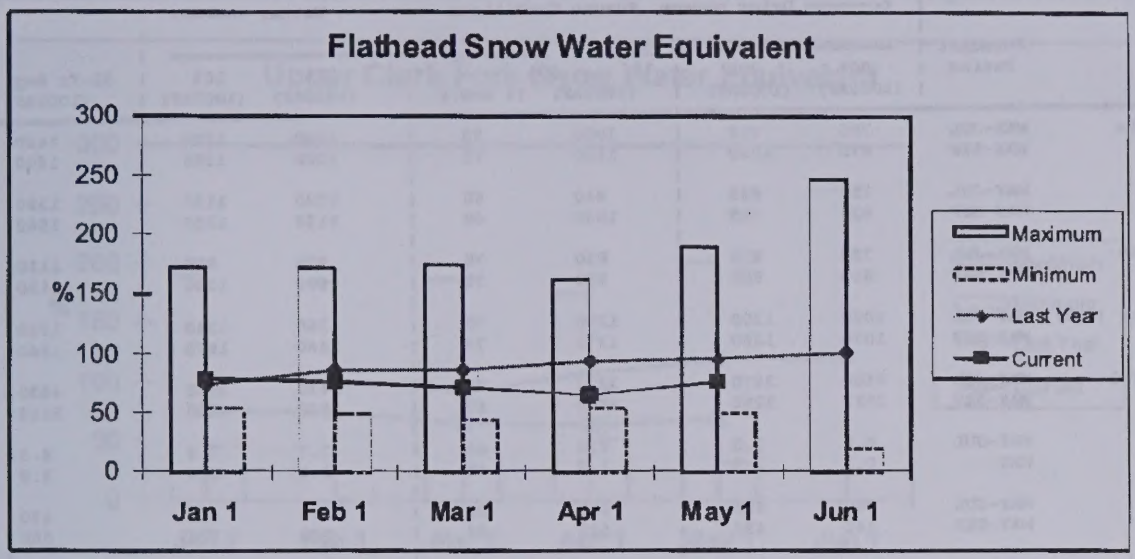
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

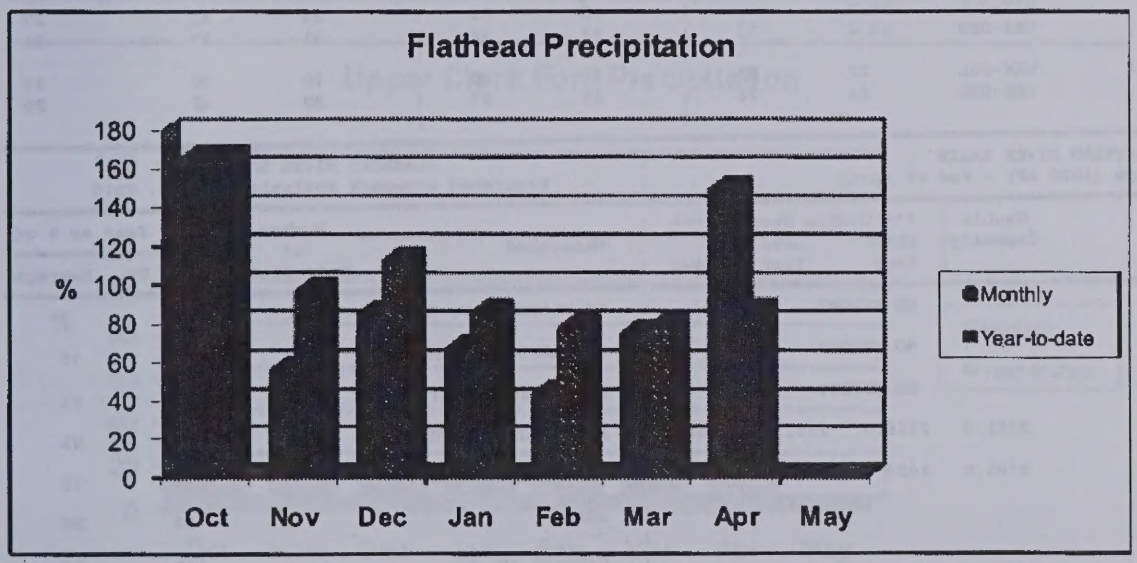
Flathead River Basin

Snowpack in the Flathead River Basin was below average and increased 10 percent from April 1. Snow water content was 75 percent of average and 81 percent of last year.



January maximum swe was established in 1997 and minimum was in 2001; February maximum swe was in 1972 and minimum was in 2001; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum was in 1992; and June maximum swe was in 1974 and minimum was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during April was 147 percent of average and 193 percent of last year. Valley precipitation during April was 184 percent of average and 350 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 86 percent of average and 95 percent of last year.



Combined Camas reservoir storage was not available; Lower Jocko Lake reservoir storage was not available; combined Mission Valley reservoir storage was not available; Hungry Horse storage was 140 percent of average and 107 percent of last year; and Flathead Lake storage was 111 percent of average and 129 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 78 percent and 81 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -3.3 in the North Fork Flathead River; -3.2 in the Middle Fork Flathead River; +1.6 in the South Fork Flathead River; -2.5 in the Flathead River at Columbia Falls; -0.6 in the Swan River; -2.8 in the Flathead River at Polson; not available in the Mission Valley; and not available in the Little Bitterroot River.

FLATHEAD RIVER BASIN
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
NF FLATHEAD nr Columbia Falls	MAY-JUL	785	910	1000	70	1090	1220	1420
	MAY-SEP	875	1020	1120	70	1220	1360	1600
MF FLATHEAD nr West Glacier	MAY-JUL	750	865	940	68	1020	1130	1390
	MAY-SEP	830	955	1040	68	1130	1250	1540
SF FLATHEAD R Nr Hungry Horse	MAY-JUL	755	815	860	78	905	965	1110
	MAY-SEP	810	880	930	78	980	1050	1190
HUNGRY HORSE Reservoir Inflow (1,2)	MAY-JUL	1020	1200	1280	75	1360	1540	1710
	MAY-SEP	1070	1280	1370	75	1460	1670	1840
FLATHEAD at Columbia Falls (2)	MAY-JUL	2600	2970	3220	70	3470	3840	4630
	MAY-SEP	2820	3250	3540	69	3830	4260	5110
ASHLEY CREEK nr Marion (2)	MAY-JUL	0.2	1.3	2.0	44	2.7	3.8	4.5
	MAY	0.3	0.9	1.3	48	1.8	2.4	2.8
SWAN RIVER nr Bigfork	MAY-JUL	380	420	450	96	480	520	470
	MAY-SEP	445	495	525	96	555	605	550
FLATHEAD LAKE Inflow (1,2)	MAY-JUL	2630	3320	3630	68	3940	4630	5320
	MAY-SEP	2810	3620	3990	68	4360	5170	5840
MILL CREEK nr Niarada	MAY-JUL	0.6	1.4	1.9	66	2.4	3.1	2.8
	MAY-SEP	0.8	1.6	2.1	67	2.6	3.4	3.2
South Crow Ck nr Ronan	MAY-JUL	6.4	7.6	8.4	92	9.2	10.4	9.1
	MAY-SEP	7.5	8.8	9.7	92	10.6	11.9	10.5
Mission Ck nr St. Ignatius	MAY-JUL	18.0	20	22	93	24	26	24
	MAY-SEP	21	24	26	91	28	31	29
SF Jocko R nr Arlee	MAY-JUL	16.7	22	25	94	28	33	27
	MAY-SEP	19.6	25	28	92	31	36	31
NF JOCKO RIVER bl Tabor Canal	MAY-JUL	22	24	26	96	28	30	27
	MAY-SEP	24	26	28	97	30	32	29

FLATHEAD RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CAMAS (4)		NO REPORT		
LOWER JOCKO LAKE		NO REPORT		
MISSION VALLEY (8)		NO REPORT		
HUNGRY HORSE	3451.0	2746.0	2561.0	1954.8
FLATHEAD LAKE	1791.0	1039.0	802.9	931.9

FLATHEAD RIVER BASIN
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
NF FLATHEAD in CANADA	1	0	0
NF FLATHEAD in MONTANA	8	93	75
MIDDLE FORK FLATHEAD	5	76	61
SOUTH FORK FLATHEAD	7	83	81
STILLWATER-WHITEFISH	9	72	70
SWAN	7	93	86
MISSION VALLEY	4	100	97
LITTLE BITTERROOT-ASHLEY	6	26	31
JOCKO	5	77	84
FLATHEAD in MONTANA	37	81	75
FLATHEAD RIVER BASIN	38	80	74

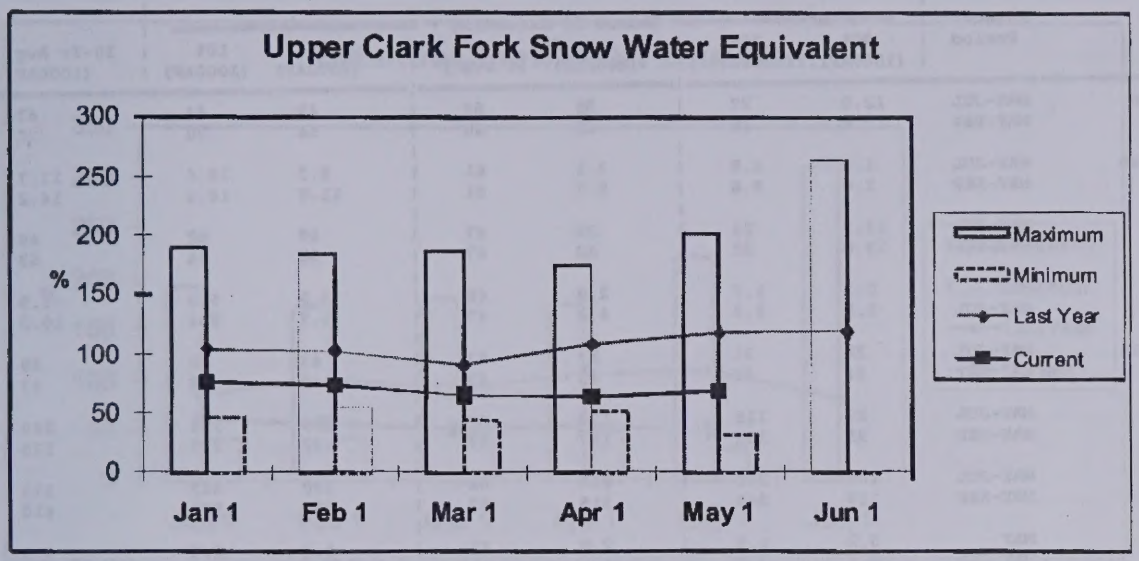
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

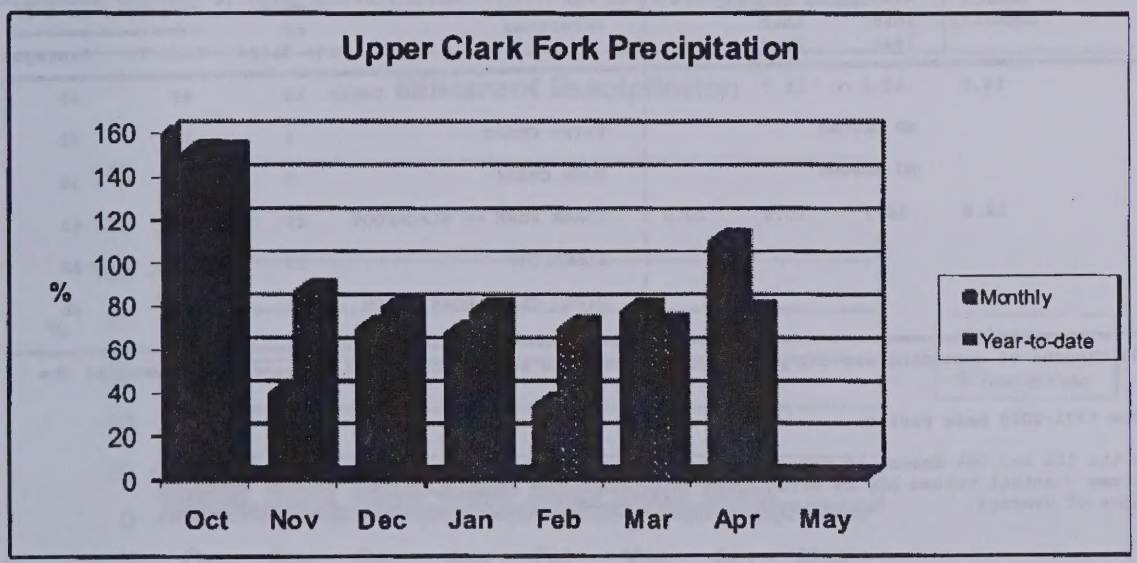
Upper Clark Fork River Basin

Snowpack in the Upper Clark Fork River Basin was well below average and increased 4 percent from April 1. Snow water content was 68 percent of average and 60 percent of last year. Basin snow water content was tied for sixth lowest of record with 2005 and 1980. The Blackfoot basin snow water content was eighth lowest of record.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during April was 112 percent of average and 124 percent of last year. Valley precipitation during April was 94 percent of average and 119 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 77 percent of average and 68 percent of last year.



East Fork Reservoir was 137 percent of average and 115 percent of last year; Georgetown Lake storage was not available; Lower Willow Creek storage was not available; and Nevada Creek storage was 107 percent of average and 101 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 55 percent and 47 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.4 in the Clark Fork River above Milltown; and -3.1 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LITTLE BLACKFOOT nr Garrison	MAY-JUL	12.0	27	38	60	49	64	63
	MAY-SEP	13.6	30	42	60	54	70	70
FLINT CREEK nr Southern Cross	MAY-JUL	1.8	4.9	7.1	61	9.3	12.4	11.7
	MAY-SEP	1.0	5.6	8.7	61	11.8	16.4	14.2
FLINT CREEK blw Boulder Ck	MAY-JUL	12.2	24	32	67	40	52	48
	MAY-SEP	18.0	32	42	67	52	66	63
LOWER WILLOW CK RES Inflow	MAY	0.3	1.7	2.8	48	3.9	5.6	5.9
	MAY-JUL	0.5	2.9	4.8	47	6.7	9.4	10.2
MF ROCK CREEK nr Philipsburg	MAY-JUL	22	31	37	63	43	52	59
	MAY-SEP	26	35	42	63	49	58	67
Rock Ck Nr Clinton	MAY-JUL	82	115	137	57	159	192	240
	MAY-SEP	95	132	157	57	182	220	275
CLARK FORK abv Milltown	MAY-JUL	105	200	265	52	330	425	510
	MAY-SEP	129	240	315	52	390	500	610
NEVADA CREEK nr Helmville	MAY	0.2	1.3	2.8	41	4.3	6.6	6.9
	MAY-JUL	0.4	2.8	5.7	41	8.6	12.8	13.9
BLACKFOOT RIVER nr Bonner	MAY-JUL	210	290	340	50	390	470	675
	MAY-SEP	240	325	380	50	435	520	765
CLARK FORK abv Missoula	MAY-JUL	365	510	610	51	710	855	1190
	MAY-SEP	425	590	705	52	820	985	1370

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
EAST FORK ROCK CREEK	15.6	13.4	11.7	9.8
GEORGETOWN LAKE		NO REPORT		
LOWER WILLOW CREEK		NO REPORT		
NEVADA CREEK	12.6	10.7	10.6	10.0

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
CLARK FORK ab FLINT CREEK	13	55	69
FLINT CREEK	6	53	72
ROCK CREEK	5	56	66
CLARK FORK ab BLACKFOOT	21	53	65
BLACKFOOT	13	66	68
UPPER CLARK FORK BASIN	32	60	68

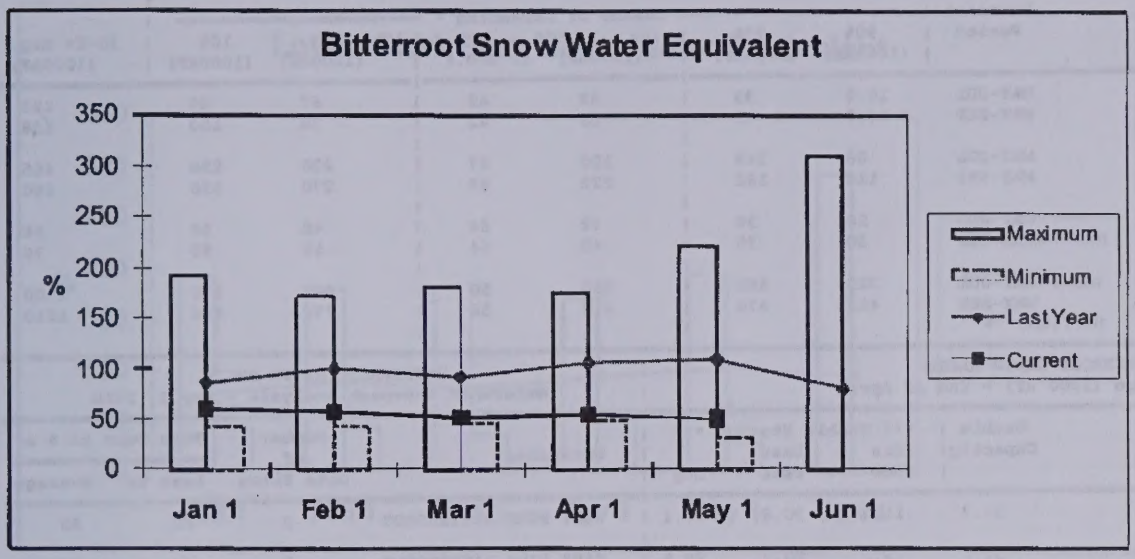
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

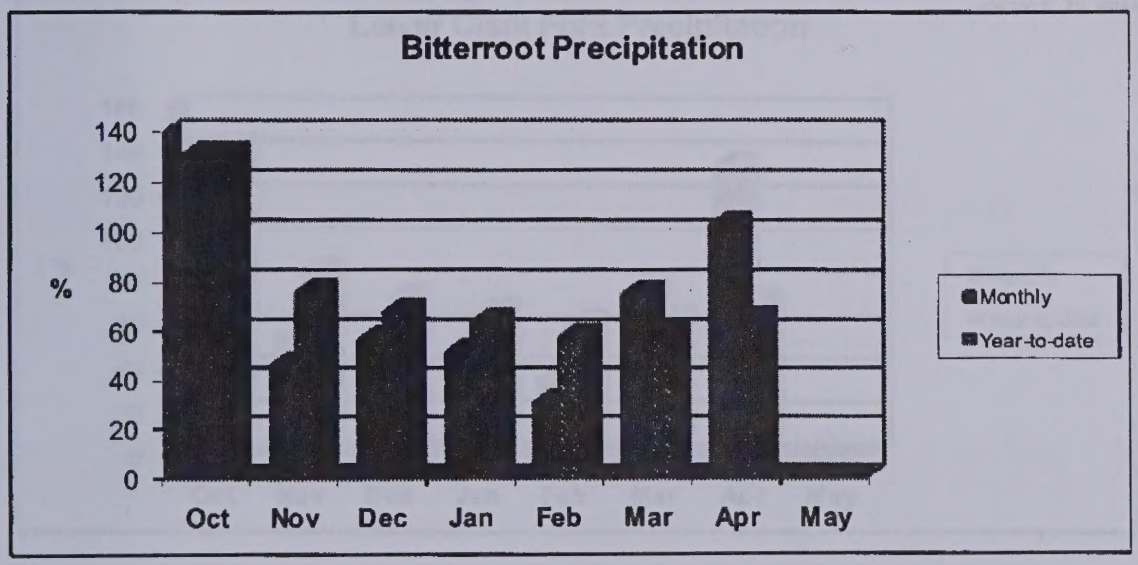
Bitterroot River Basin

Snowpack in the Bitterroot River Basin was well below average and decreased 5 percent from April 1. Snow water content was 50 percent of average and 46 percent of last year. Snow water content was tied for fourth lowest of record with 1992 and 2005.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum was in 1977; March maximum swe was in 1972 and minimum swe was in 1977 and 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1987; and June maximum swe was 1972 and 1974 and minimum swe was in 1987,1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain precipitation during April was 106 percent of average and 185 percent of last year. Valley precipitation during April was 78 percent of average and 280 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 65 percent of average and 63 percent of last year.



Painted Rocks Lake storage was 65 percent of average and 36 percent of last year and Como storage was 92 percent of average and 93 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 51 percent and 48 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -3.3 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
WF BITTERROOT nr Conner (2)	MAY-JUL	18.0	39	53	42	67	88	125
	MAY-SEP	16.0	41	58	42	75	100	138
BITTERROOT nr Darby	MAY-JUL	88	149	190	47	230	290	405
	MAY-SEP	120	182	225	49	270	330	460
COMO RESERVOIR Inflow	MAY-JUL	28	36	42	64	48	56	66
	MAY-SEP	30	39	45	64	51	60	70
BITTERROOT at Missoula	MAY-JUL	325	460	550	50	640	775	1100
	MAY-SEP	425	570	670	55	770	915	1210

BITTERROOT RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
PAINTED ROCKS LAKE	31.7	11.1	30.8	17.1
COMO	34.9	19.2	20.7	20.9

BITTERROOT RIVER BASIN
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WEST FORK BITTERROOT	3	45	52
EAST SIDE BITTERROOT	5	49	51
WEST SIDE BITTERROOT	3	45	48
BITTERROOT RIVER BASIN	10	46	50

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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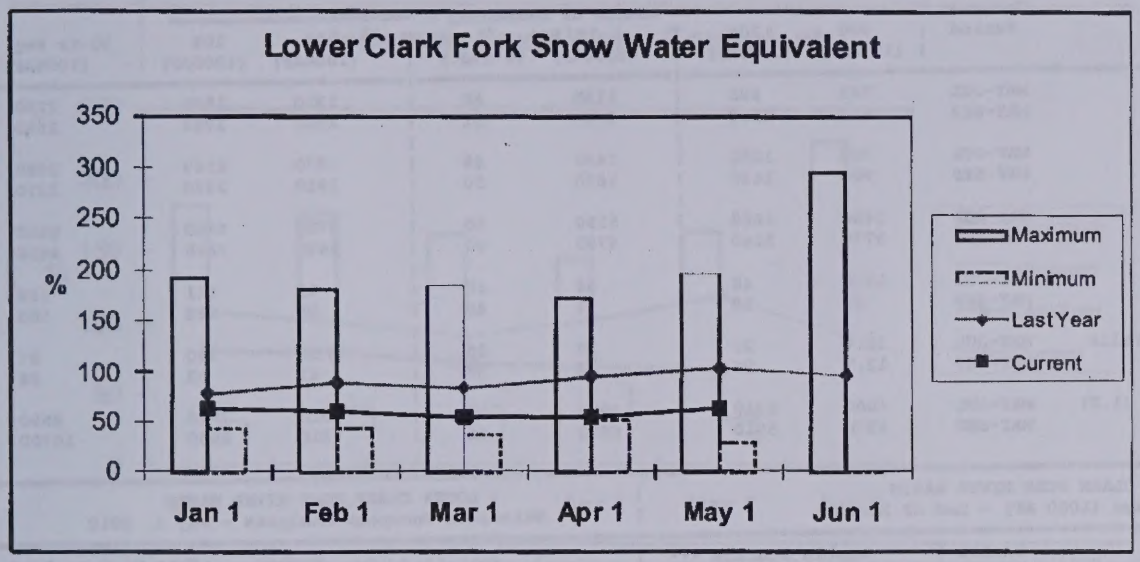
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

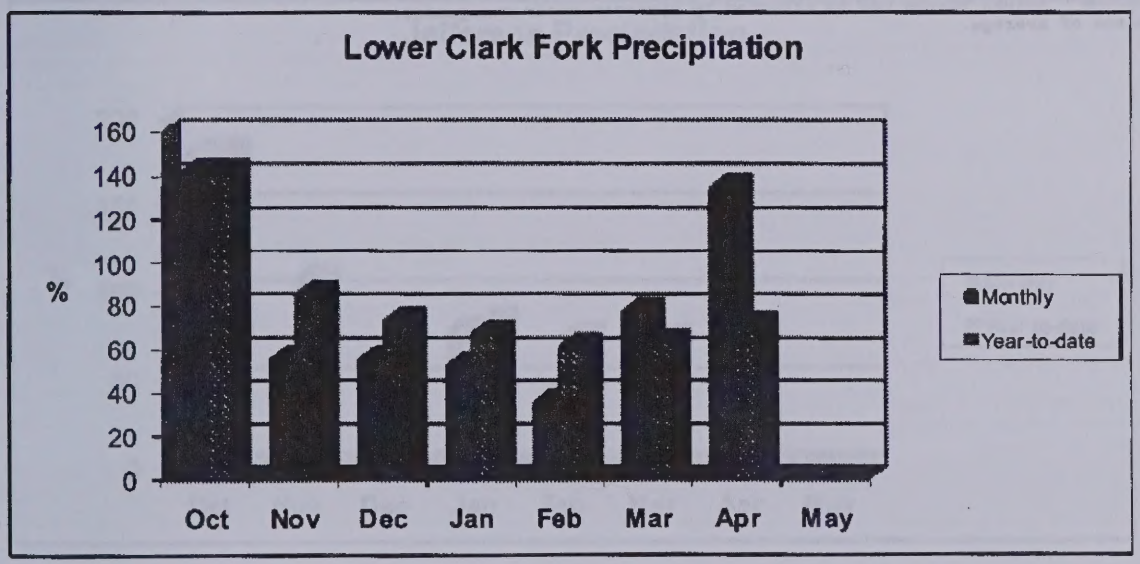
Lower Clark Fork River Basin

Snowpack in the Lower Clark Fork River Basin was well below average and increased 10 percent from April 1. Snow water content was 64 percent of average and 63 percent of last year. Snow water content was tied for eighth lowest of record with 1980.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1977. Average is for the period 1971 through 2000.

Mountain precipitation during April was 136 percent of average and 217 percent of last year. Valley precipitation during April was 132 percent of average and 251 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 72 percent of average and 75 percent of last year.



Noxon Rapids storage was 110 percent of average and 95 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 49 percent and 50 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -3.1 in the Clark Fork River below Bitterroot River and -2.9 in the Clark Fork River below Flathead River.

LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Chance Of Exceeding *		Future Conditions 50%		= Wetter =>> Chance Of Exceeding *		30-Yr Avg.
		90% (1000AF)	70% (1000AF)	(1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	(1000AF)
CLARK FORK blw Missoula	MAY-JUL	745	985	1150	50	1310	1550	2290
	MAY-SEP	845	1120	1310	51	1500	1780	2580
CLARK FORK at St. Regis (1)	MAY-JUL	780	1250	1460	49	1670	2140	2980
	MAY-SEP	900	1430	1670	50	1910	2440	3370
CLARK FORK nr Plains (1,2)	MAY-JUL	3480	4660	5190	60	5720	6900	8630
	MAY-SEP	3770	5160	5790	60	6420	7810	9610
THOMPSON nr Thompson Falls	MAY-JUL	17.0	45	64	40	83	111	159
	MAY-SEP	22	53	74	40	95	126	185
PROSPECT CREEK at Thompson Falls	MAY-JUL	10.4	22	30	35	38	50	87
	MAY-SEP	12.7	25	33	34	41	53	96
CLARK FK at Whitehorse Rpds (1,2)	MAY-JUL	4000	5310	5910	62	6510	7820	9590
	MAY-SEP	4370	5910	6610	62	7310	8850	10700

LOWER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
NOXON RAPIDS	335.0	299.3	316.4	272.3

LOWER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
LOWER CLARK FORK BASIN	12	63	64

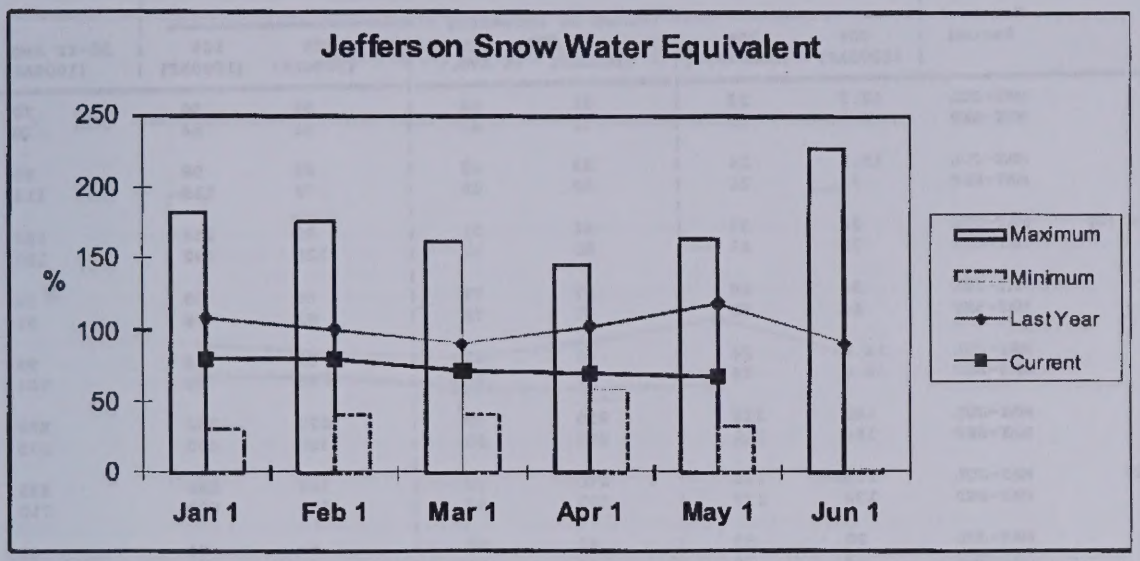
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

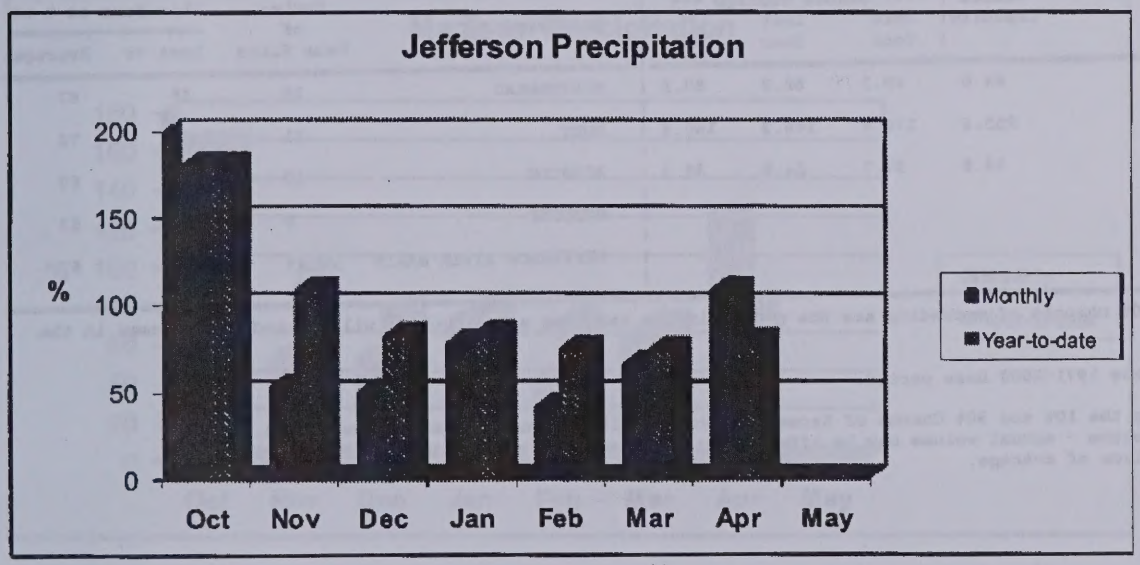
Jefferson River Basin

Snowpack in the Jefferson River Basin was well below average and decreased 3 percent from April 1. Snow water content was 67 percent of average and 56 percent of last year. The Jefferson Basin snow water content was eighth lowest of record with; the Beaverhead was tied for ninth lowest of record; and the Big Hole was fifth lowest of record.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1982 and minimum in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during April was 107 percent of average and 91 percent of last year. Valley precipitation during April was 64 percent of average and 66 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 80 percent of average and 70 percent of last year.



Lima storage was 121 percent of average and 111 percent of last year; Clark Canyon storage was 110 percent of average and 121 percent of last year; and Ruby River storage was 104 percent of average and 108 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 54 percent and 46 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was +0.2 in the Beaverhead River; -0.7 in the Ruby River; -2.0 in the Big Hole River; -1.6 in the Boulder River; and -0.5 in the Jefferson River near Three Forks.

JEFFERSON RIVER BASIN
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LIMA RESERVOIR Inflow (2)	MAY-JUL	12.2	23	31	44	39	50	70
	MAY-SEP	9.7	23	32	41	41	54	78
CLARK CANYON Inflow (2)	MAY-JUL	15.6	24	39	43	63	98	90
	MAY-SEP	21	31	52	45	78	115	116
BEAVERHEAD RIVER at Barretts (2)	MAY-JUL	24	37	61	51	99	154	120
	MAY-SEP	32	49	80	52	125	192	153
RUBY RIVER Reservoir Inflow	MAY-JUL	34	48	57	77	66	80	74
	MAY-SEP	44	60	71	78	82	98	91
BIG HOLE RIVER at Wisdom	MAY-JUL	16.4	24	41	43	59	86	95
	MAY-SEP	18.0	26	46	44	66	95	104
BIG HOLE RIVER nr Melrose	MAY-JUL	149	210	250	48	290	350	520
	MAY-SEP	169	240	285	50	330	400	575
JEFFERSON nr Twin Bridges (2)	MAY-JUL	108	161	270	43	380	540	635
	MAY-SEP	122	177	305	43	435	625	710
BOULDER RIVER nr Boulder	MAY-JUL	22	33	40	59	47	58	68
	MAY-SEP	23	36	44	59	52	65	75
WILLOW CREEK Reservoir Inflow	MAY-JUL	4.3	7.6	10.8	71	14.0	18.7	15.2
	MAY-SEP	5.0	9.1	12.5	71	15.9	21	17.5
JEFFERSON RIVER nr Three Forks (2)	MAY-JUL	120	182	300	50	420	590	600
	MAY-SEP	138	210	345	51	480	675	680

JEFFERSON RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LIMA	84.0	69.3	62.2	57.5
CLARK CANYON	255.6	176.6	146.3	160.6
RUBY RIVER	38.8	37.7	34.8	36.3

JEFFERSON RIVER BASIN
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
BEAVERHEAD	16	55	67
RUBY	11	66	76
BIGHOLE	19	51	60
BOULDER	8	54	63
JEFFERSON RIVER BASIN	44	56	67

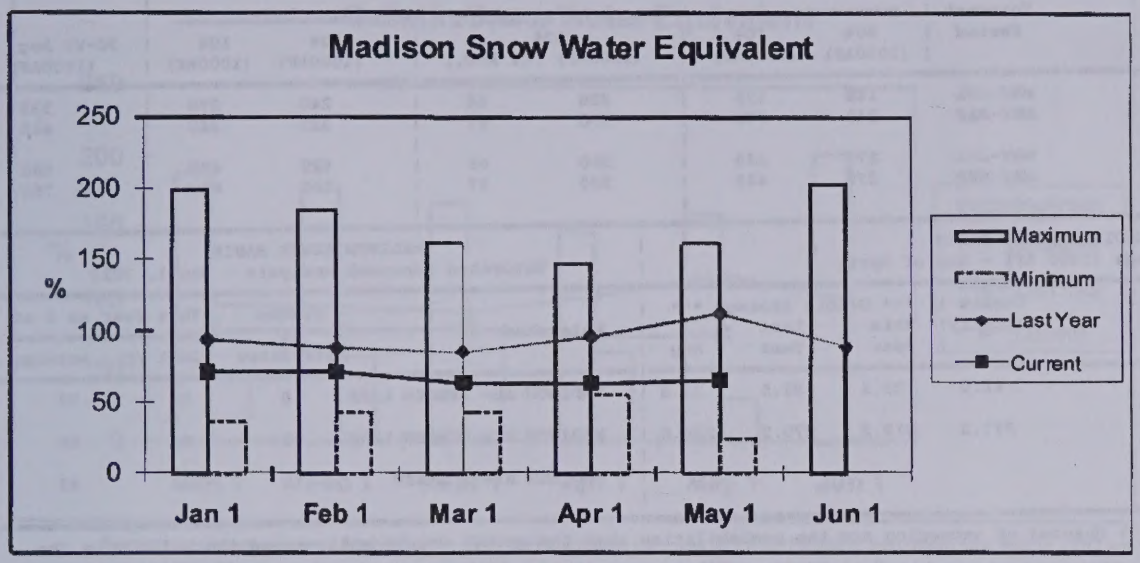
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

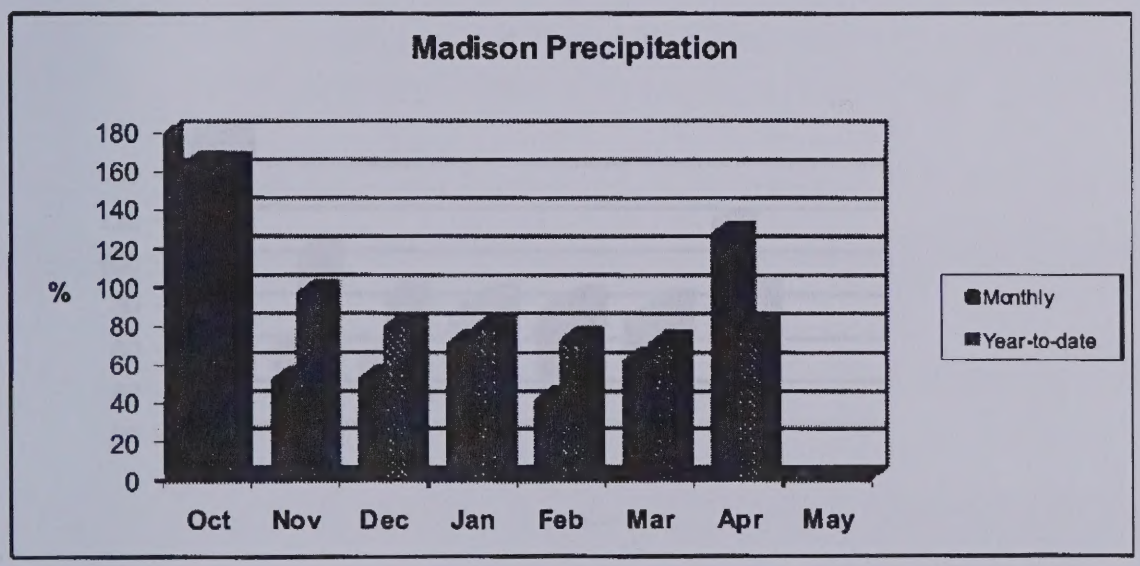
Madison River Basin

Snowpack in the Madison River Basin was well below average and increased 2 percent from April 1. Snow water content was 65 percent of average and 58 percent of last year. Snow water content was tied for ninth lowest of record with 2000.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1997 and minimum swe was in 1977; and June maximum swe was in 1995 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during April was 128 percent of average and 100 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 79 percent of average and 73 percent of last year.



Ennis Lake storage was 104 percent of average and 108 percent of last year and Hebgen Lake storage was 125 percent of average and 116 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 66 percent and 66 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.7 for the Madison River.

MADISON RIVER BASIN
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
HEBGEN Reservoir Inflow	MAY-JUL	168	199	220	66	240	270	335
	MAY-SEP	240	275	300	67	325	360	445
ENNIS Reservoir Inflow (2)	MAY-JUL	270	335	380	66	425	490	580
	MAY-SEP	370	445	500	67	555	630	750

MADISON RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
ENNIS LAKE	41.0	35.1	32.5	33.8
HEBGEN LAKE	377.5	319.2	275.2	254.6

MADISON RIVER BASIN
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
MADISON abv HEBGEN LAKE	6	53	59
MADISON blw HEBGEN LAKE	12	59	68
MADISON RIVER BASIN	18	57	65

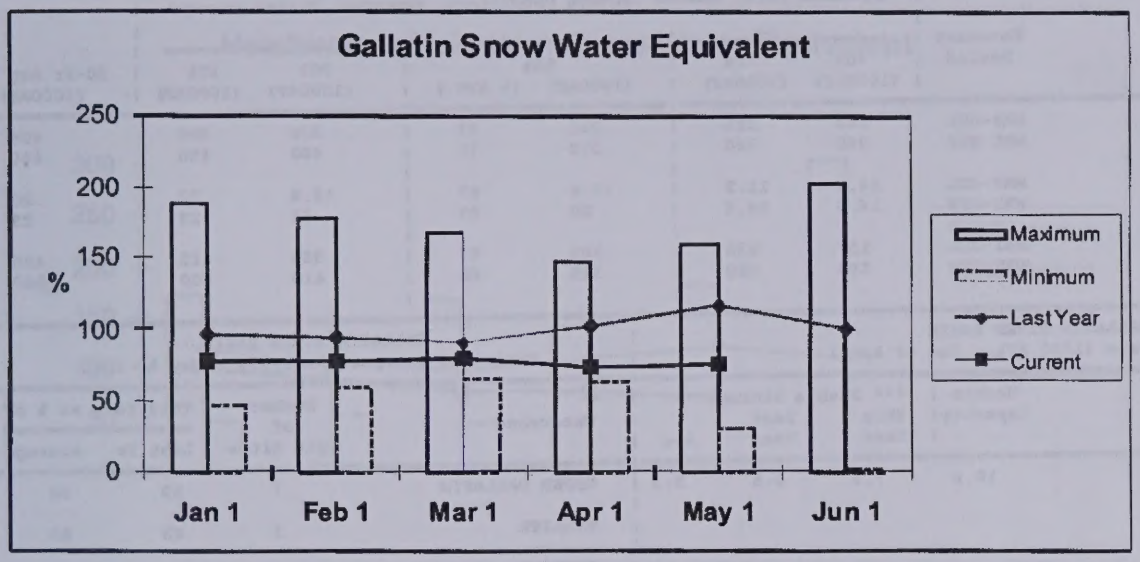
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

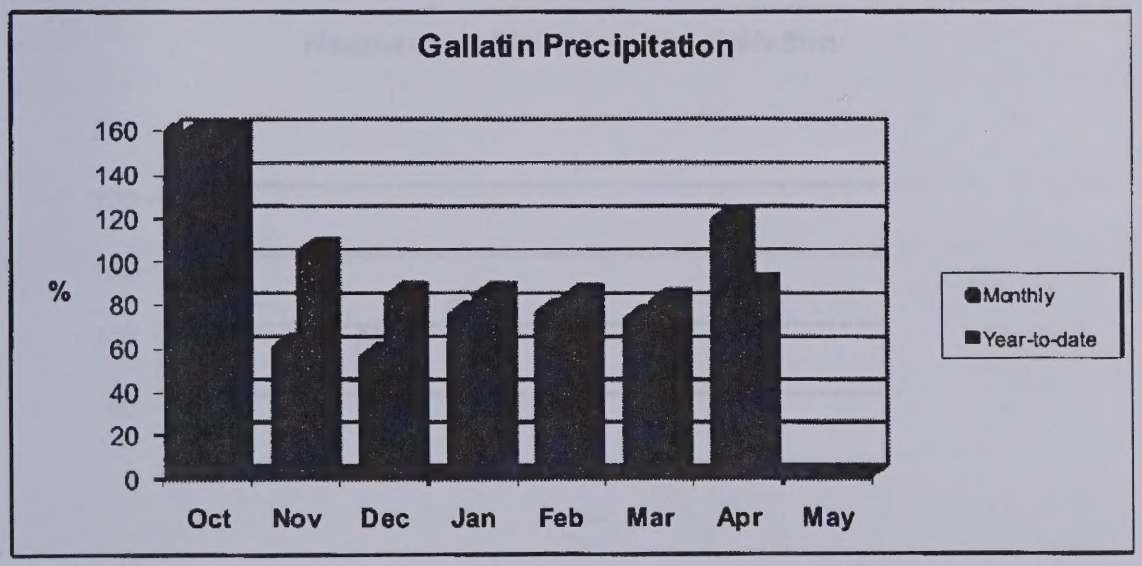
Gallatin River Basin

Snowpack in the Gallatin River Basin was below average and increased 2 percent from April 1. Snow water content was 75 percent of average and 64 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1966; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977 and 2005; April maximum swe was in 1997 and minimum was in 2001; May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1975 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during April was 123 percent of average and 111 percent of last year. Valley precipitation during April was 90 percent of average and 52 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 89 percent of average and 78 percent of last year.



Middle Creek storage was 143 percent of average and 117 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 77 percent and 67 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.2 for the Gallatin River.

GALLATIN RIVER BASIN
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<------ Drier ------ Future Conditions ------ Wetter ------>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
GALLATIN RIVER nr Gateway	MAY-JUL	240	285	310	77	335	380	405
	MAY-SEP	290	340	370	77	400	450	480
HYALITE RESERVOIR Inflow	MAY-JUL	14.4	16.2	17.4	87	18.6	20	20
	MAY-SEP	16.6	18.6	20	87	21	23	23
GALLATIN RIVER at Logan	MAY-JUL	157	235	285	67	335	415	425
	MAY-SEP	190	280	345	68	410	500	505

GALLATIN RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MIDDLE CREEK	10.2	7.6	6.5	5.3

GALLATIN RIVER BASIN
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
UPPER GALLATIN	7	59	68
HYALITE	3	63	80
BRIDGER	2	87	100
GALLATIN RIVER BASIN	12	64	75

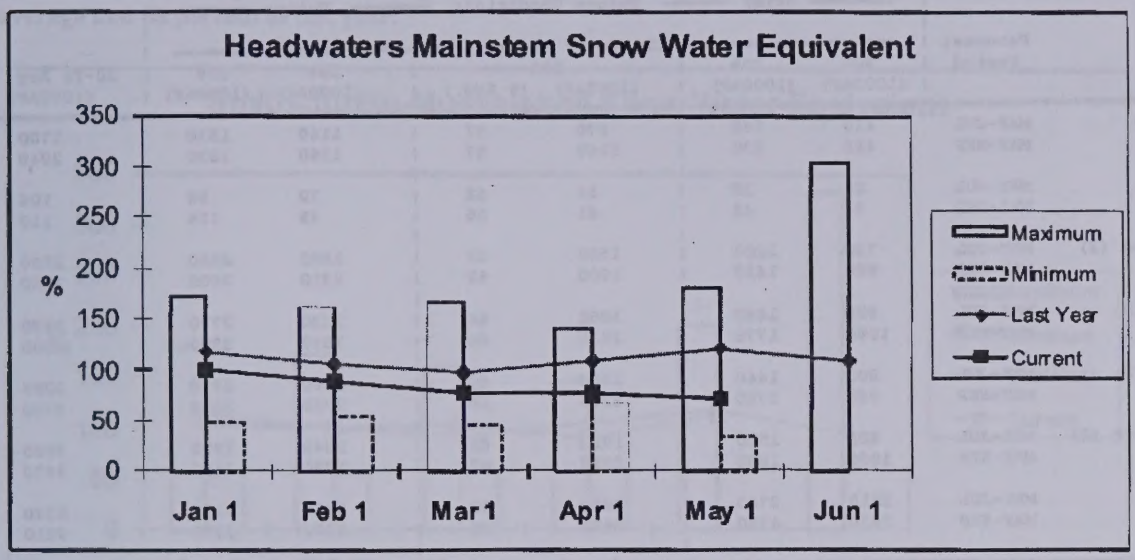
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

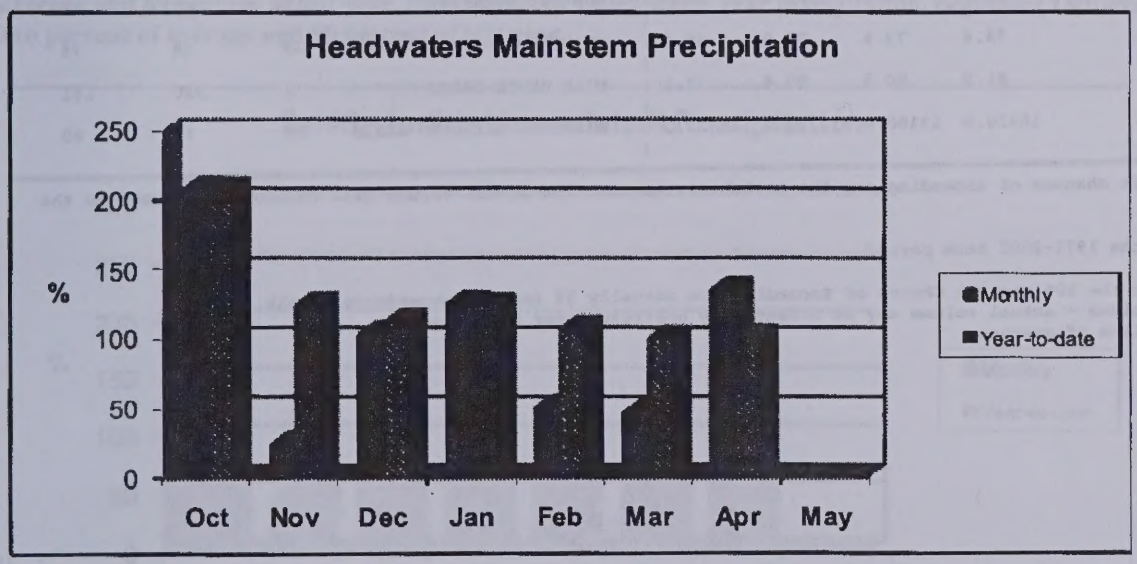
Missouri Mainstem River Basin

Snowpack in the Headwaters Missouri Mainstem River Basin was below average and decreased 5 percent from April 1. Snow water content was 71 percent of average and 51 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 1961, 1966, and 2005; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during April was 123 percent of average and 118 percent of last year. Valley precipitation during April was 145 percent of average and 86 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 102 percent of average and 84 percent of last year.



Canyon Ferry Lake storage was 108 percent of average and 104 percent of last year; Helena Valley storage was 122 percent of average and 111 percent of last year; Lake Helena storage was 92 percent of average and 99 percent of last year; Hauser & Helena storage was 122 percent of average and 99 percent of last year; Holter Lake storage was 105 percent of average and the same as last year; and Fort Peck Lake storage was 87 percent of average and 117 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 60 percent and 55 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.2 in the Missouri River above Canyon Ferry; -1.4 in the Missouri River below Canyon Ferry; -0.5 in the Missouri River above Fort Peck; and -1.5 in the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
MISSOURI RIVER at Toston (2)	MAY-JUL	410	765	970	57	1160	1530	1700
	MAY-SEP	495	930	1160	57	1390	1830	2040
DEARBORN nr Craig	MAY-JUL	22	38	55	52	72	98	106
	MAY-SEP	24	43	61	56	79	106	110
MISSOURI RIVER at Fort Benton (2)	MAY-JUL	730	1200	1550	62	1880	2350	2500
	MAY-SEP	895	1490	1900	62	2310	2900	3080
MISSOURI RIVER at Virgelle (2)	MAY-JUL	905	1440	1850	64	2230	2770	2890
	MAY-SEP	1080	1770	2230	64	2690	3380	3500
MISSOURI RIVER nr Landusky (2)	MAY-JUL	800	1440	1850	60	2280	2930	3080
	MAY-SEP	965	1760	2260	60	2760	3550	3750
MISSOURI RIVER below Fort Peck (2)	MAY-JUL	925	1500	1910	62	2340	2920	3080
	MAY-SEP	1090	1800	2290	62	2780	3490	3670
LAKE SAKAKAWEA Inflow (2)	MAY-JUL	2510	3740	4850	58	5960	7110	8370
	MAY-SEP	2970	4370	5670	58	6970	8370	9810

MISSOURI MAINSTEM RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CANYON FERRY LAKE	2043.0	1595.0	1527.0	1483.5
HELENA VALLEY	9.2	9.3	8.4	7.6
LAKE HELENA	12.7	10.8	10.9	11.7
HAUSER & HELENA	74.6	73.6	74.0	60.1
HOLTER LAKE	81.9	80.9	80.6	77.1
FORT PECK LAKE	18910.0	13180.0	11250.0	15122.0

MISSOURI MAINSTEM RIVER BASIN
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
HEADWATERS MAINSTEM	9	59	71
SMITH-JUDITH-MUSSELSHELL	14	96	113
SUN-TETON-MARIAS	13	48	48
MAINSTEM ab FT PECK RES	35	69	75
MILK RIVER BASIN	3	330	161
MISSOURI MAINSTEM BASIN	37	72	80

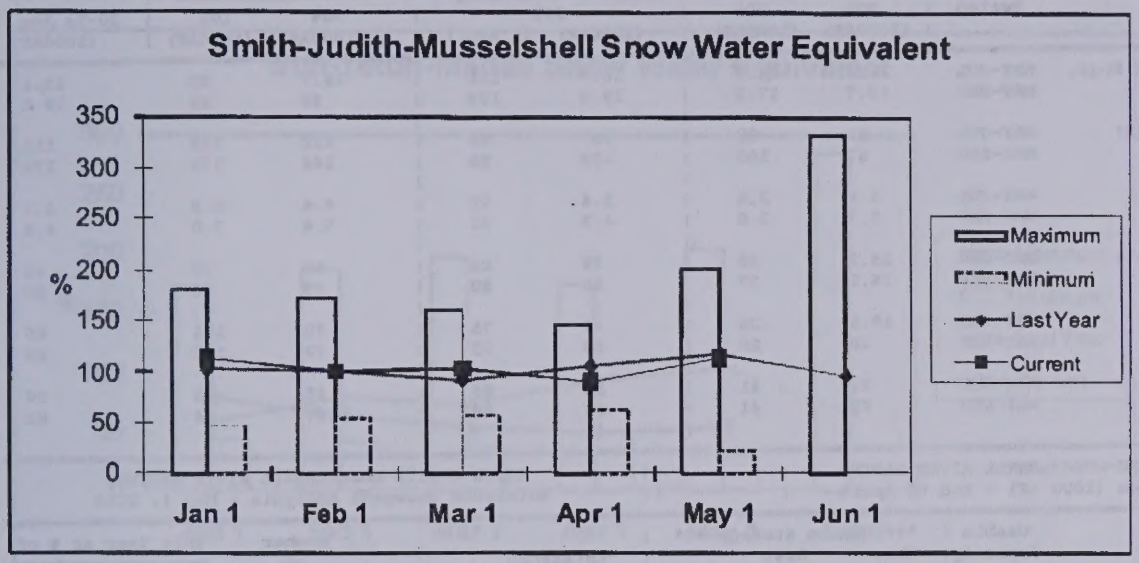
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

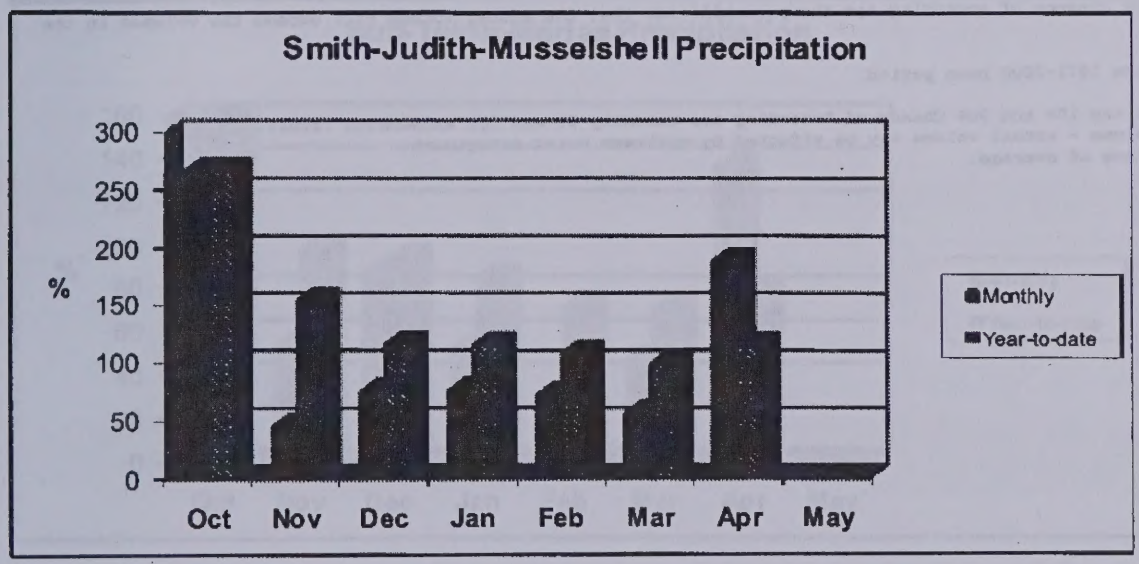
Smith-Judith-Musselshell River Basins

Snowpack in the Smith-Judith-Musselshell River Basins were well above average and increased 23 percent from April 1. Snow water content in the Smith River Basin was 102 percent of average and 877 percent of last year; the Judith River Basin was 134 percent of average and 119 percent of last year; the Musselshell Basin River was 66 percent of average and 68 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1988; February maximum swe was in 1978 and minimum swe was in 1987; March maximum swe was in 1978 and minimum swe was in 1987 and 2005; April maximum swe was in 1970 and minimum swe was in 1992; and May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1967 and minimum swe was in 1987, 1992, 1994,and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during April in the Smith-Belts was 197 percent of average and 178 percent of last year; in the Judith was 222 percent of average and 168 percent of last year; and in the Musselshell was 99 percent of average and 69 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 116 percent of average and 99 percent of last year.



Smith River storage was 96 percent of average and 78 percent of last year; Ackley storage was 111 percent of average and 280 percent of last year; Bair storage was 91 percent of average and 143 percent of last year; Martinsdale storage was 146 percent of average and 143 percent of last year; and Deadman's Basin was 88 percent of average and 96 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 87 percent and 74 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was +0.5 in the Smith River; +3.0 in the Upper Judith River, and +1.0 in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<== Drier == Future Conditions == Wetter ==>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
SHEEP CREEK nr White Sulphur Spgs.	MAY-JUL	11.7	14.7	16.7	111	18.7	22	15.1
	MAY-SEP	13.7	17.3	19.8	109	22	26	18.1
SMITH RIVER bl Eagle Creek (2)	MAY-JUL	61	88	107	94	126	153	114
	MAY-SEP	67	100	123	95	146	179	130
NF MUSSELSHELL nr Delpine	MAY-JUL	1.4	2.4	3.4	92	4.4	5.8	3.7
	MAY-SEP	1.7	3.0	4.2	91	5.4	7.0	4.6
SF MUSSELSHELL abv Martinsdale	MAY-JUL	15.2	25	38	83	51	70	46
	MAY-SEP	16.0	27	40	80	53	73	50
MUSSELSHELL at Harlowton (2)	MAY-JUL	19.6	28	49	75	70	101	65
	MAY-SEP	20	29	50	73	72	105	69
MUSSELSHELL nr Roundup (2)	MAY-JUL	23	41	53	66	65	83	80
	MAY-SEP	22	41	54	66	67	86	82

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
SMITH RIVER	10.6	8.6	11.0	9.0
ACKLEY LAKE	7.0	4.2	1.5	3.8
BAIR	7.0	5.0	3.5	5.5
MARTINSDALE	23.1	20.1	14.1	13.8
DEADMAN'S BASIN	72.2	52.0	54.0	58.9

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SMITH	8	87	102
HIGHWOOD	0	0	0
JUDITH	6	119	134
MUSSELSHELL	5	68	66
SMITH-JUDITH-MUSSELSHELL	14	96	113

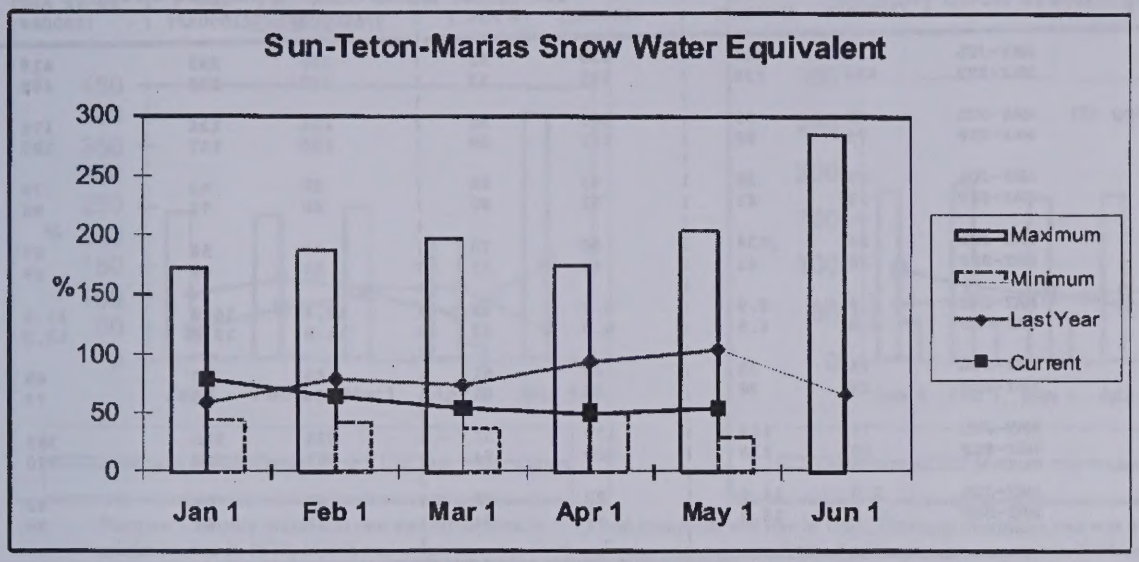
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

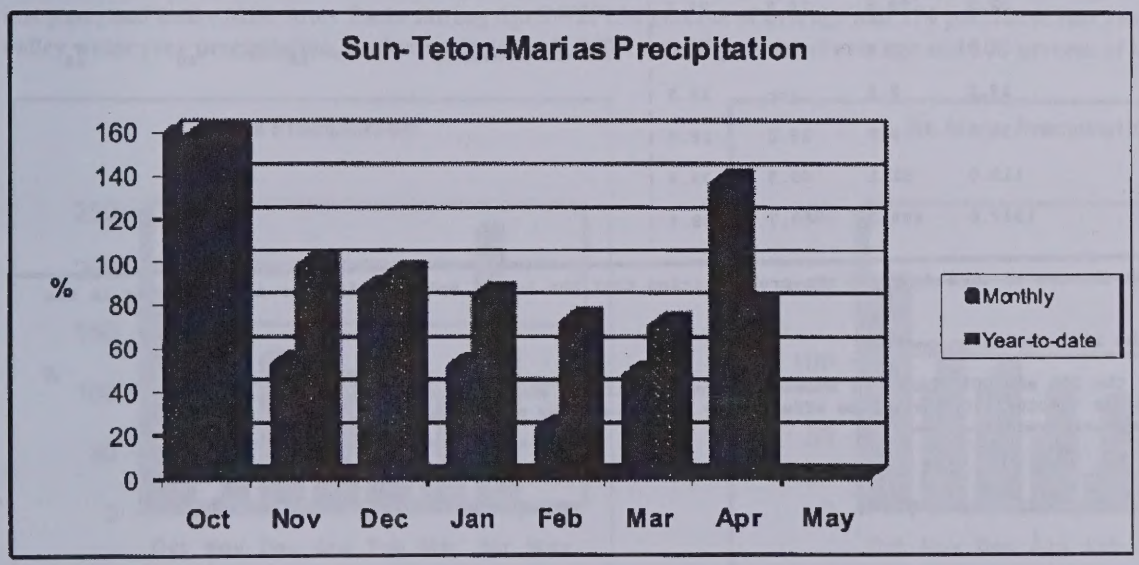
Sun-Teton-Marias River Basins

Snowpack in the Sun-Teton-Marias River Basins were well below average and increased 3 percent from April 1. Snow water content in the Sun River Basin was 64 percent of average and 59 percent of last year; the Teton River Basin was 47 percent of average and 45 percent of last year; and the Marias River Basin was 48 percent of average and 52 percent of last year. Snow water content in the Sun basin was tied for sixth lowest of record with 1984, 2004, and 2007; the Teton basin was tied at sixth lowest of record with 2007; and the Marias basin was fifth lowest of record.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum was in 1972 and minimum swe was in 1987, 1992, and 1998. Average is for the period 1971 through 2000.

Mountain and valley precipitation during April in the Sun was 80 percent of average and 46 percent of last year; in the Teton was 181 percent of average and 132 percent of last year; and in the Marias was 131 percent of average and 90 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 80 percent of average and 78 percent of last year.



Gibson storage was 85 percent of average and 73 percent of last year; Pishkun storage 77 percent of average and 105 percent of last year; Willow Creek storage was 117 percent of average and 99 percent of last year; Lower Two Medicine Lake storage was 45 percent of average; Four Horns Lake storage was 24 percent of average; Swift storage was 107 percent of average and 122 percent of last year; Lake Frances storage was 68 percent of average and 74 percent of last year; and Lake Elwell (Tiber) storage was 106 percent of average and 99 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 57 percent and 63 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -3.4 in the Sun River; -0.2 in the Teton River; -2.5 in the Birch/Dupuyer Creeks; and -2.6 in the Marias River above Tiber Reservoir and -2.4 in the Marias River below Tiber Reservoir.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
GIBSON Reservoir Inflow	MAY-JUL	166	205	230	55	255	295	415
	MAY-SEP	193	235	265	57	295	335	465
TWO MEDICINE RIVER nr Browning (2)	MAY-JUL	68	88	101	58	114	134	174
	MAY-SEP	75	96	111	59	126	147	187
BADGER CREEK nr Browning	MAY-JUL	27	38	45	59	52	63	76
	MAY-SEP	29	42	51	60	60	73	85
SWIFT RESERVOIR Inflow	MAY-JUL	24	34	40	70	46	56	57
	MAY-SEP	30	41	49	71	57	68	69
DUPUYER CREEK nr Valier	MAY-JUL	2.4	3.9	6.0	52	10.4	16.8	11.6
	MAY-SEP	2.8	4.5	6.9	52	11.8	19.0	13.3
CUT BANK CREEK nr Browning	MAY-JUL	24	35	42	61	49	60	69
	MAY-SEP	26	38	46	61	54	66	76
MARIAS RIVER nr Shelby (2)	MAY-JUL	71	119	177	51	235	320	345
	MAY-SEP	80	135	200	54	265	360	370
TETON nr Dutton	MAY-JUL	8.8	14.0	22	52	37	59	42
	MAY-SEP	10.8	16.8	27	54	43	67	50

SUN-TETON-MARIAS RIVER BASINS
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
GIBSON	99.1	52.7	72.0	61.8
PISHKUN	32.0	19.8	18.9	25.8
WILLOW CREEK	32.2	29.5	29.8	25.3
LOWER TWO MEDICINE LAKE	11.9	4.9	---	11.0
FOUR HORNS LAKE	19.2	2.9	---	12.3
SWIFT	30.0	19.8	16.2	18.5
LAKE FRANCES	112.0	51.1	69.3	75.6
LAKE ELWELL (TIBER)	1347.0	699.0	708.7	658.6

SUN-TETON-MARIAS RIVER BASINS
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SUN	6	43	45
TETON	4	45	47
MARIAS	6	52	48
SUN-TETON-MARIAS	13	48	48

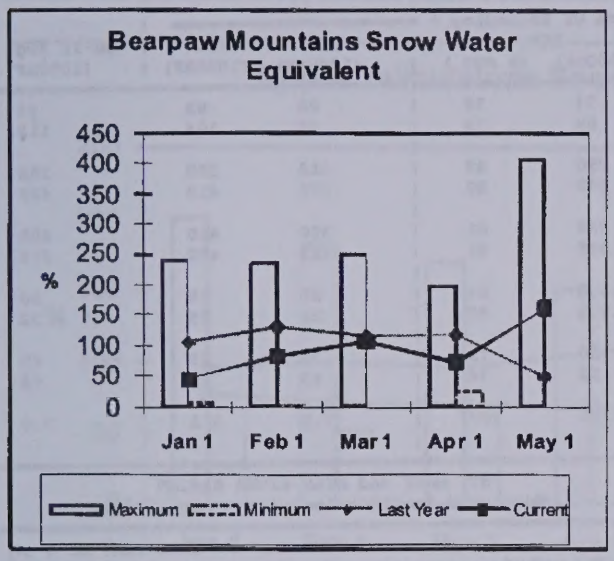
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

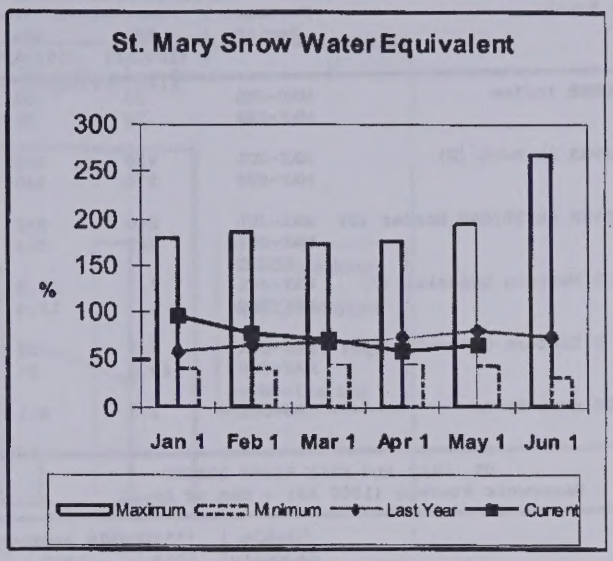
The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

St. Mary and Milk River Basins

Snowpack in the St. Mary and Milk River Basins were below average. The St. Mary snow water content was 65 percent of average and 84 percent of last year. The Milk snow water content was 161 percent of average and 330 percent of last year. Snow water content in the St. Mary was tied for seventh lowest of record with 1988.

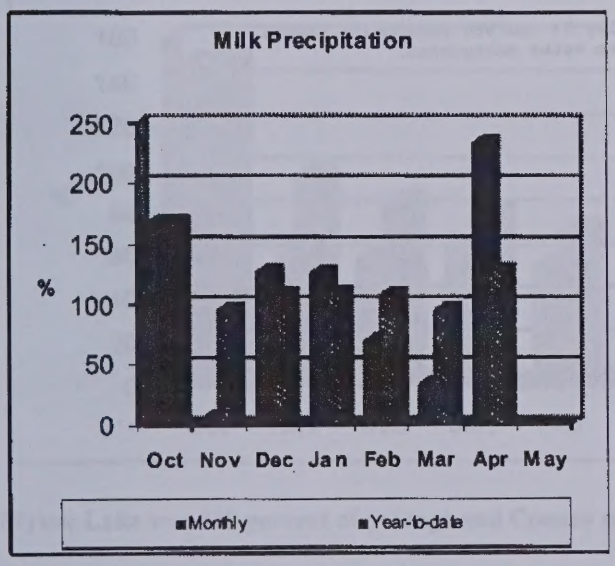


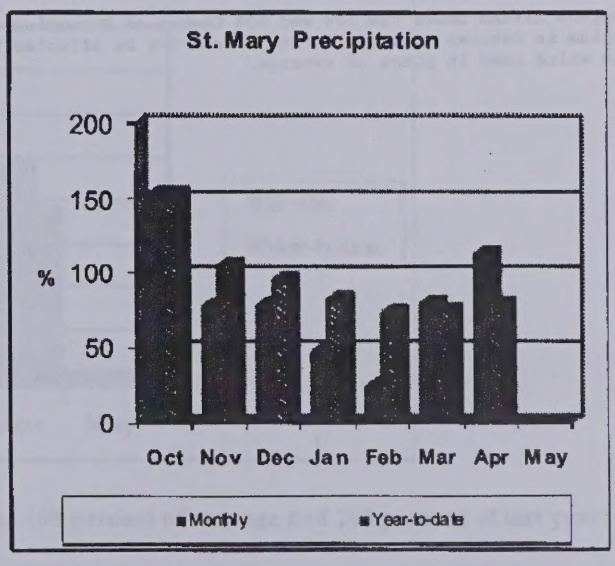


Bearpaw - January maximum swe was established in 1978 and minimum swe was in 1981; February maximum swe was 1978 and minimum was in 1973; March maximum swe was 1978 and minimum swe was 2005; April maximum swe was in 1985 and minimum swe was in 1973, 1983, and 1986; May maximum swe was 1975 and the minimum, 0.0, has occurred in several years. Average is for the period 1971 through 2000.

St. Mary - January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1967 and 1972 and minimum swe was in 2005; May maximum swe was in 19972 and minimum swe was in 1977; and June maximum swe was in 1972 and minimum swe was 1992. Average is for the period 1971 through 2000.

Mountain and valley precipitation in the St. Mary River Basin during April was 114 percent of average and 147 percent of last year; and in the Milk River Basin during April was 234 percent of average and 174 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 98 percent of average and 106 percent of last year.





Lake Sherburne storage was 54 percent of average and 42 percent of last year; Fresno storage was 96 percent of average and 103 percent of last year; Beaver Creek storage was not available; and Nelson storage was 136 percent of average and 100 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts for the St. Mary average 81 percent and 91 percent of last years forecasts and in the Milk average 85 percent and 98 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.4 for the St. Mary River and +0.3 for the Milk River.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LAKE SHERBURNE Inflow	MAY-JUL	60	68	74	79	80	88	94
	MAY-SEP	72	81	88	79	95	104	112
ST. MARY RIVER nr Babb (2)	MAY-JUL	230	265	290	82	315	350	355
	MAY-SEP	270	310	340	80	370	410	425
ST. MARY RIVER at US/CAN Border (2)	MAY-JUL	240	290	325	81	360	410	400
	MAY-SEP	290	345	385	81	425	480	475
MILK RIVER @ Western Crossing (3)	MAY-JUL	4.7	12.6	16.8	84	20	25	20
	MAY-SEP	5.7	15.0	19.9	87	24	29	23
MILK RIVER @ Eastern Crossing (2,3)	MAY-JUL	8.5	22	30	72	36	45	42
	MAY-SEP	10.6	27	36	74	43	54	49
BEAVER CREEK near Havre	MAY-JUL	3.3	5.1	7.5	107	7.5	9.3	7.0

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE SHERBURNE	64.3	11.9	28.5	22.2
FRESNO	127.0	87.5	85.1	90.9
BEAVER CREEK		NO REPORT		
NELSON	66.8	58.2	58.3	42.7

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
ST. MARY	8	84	65
BEARPAW MOUNTAINS	3	330	161
CYPRESS HILLS, CANADA	0	0	0
MILK RIVER BASIN	3	330	161
ST. MARY & MILK BASINS	11	87	67

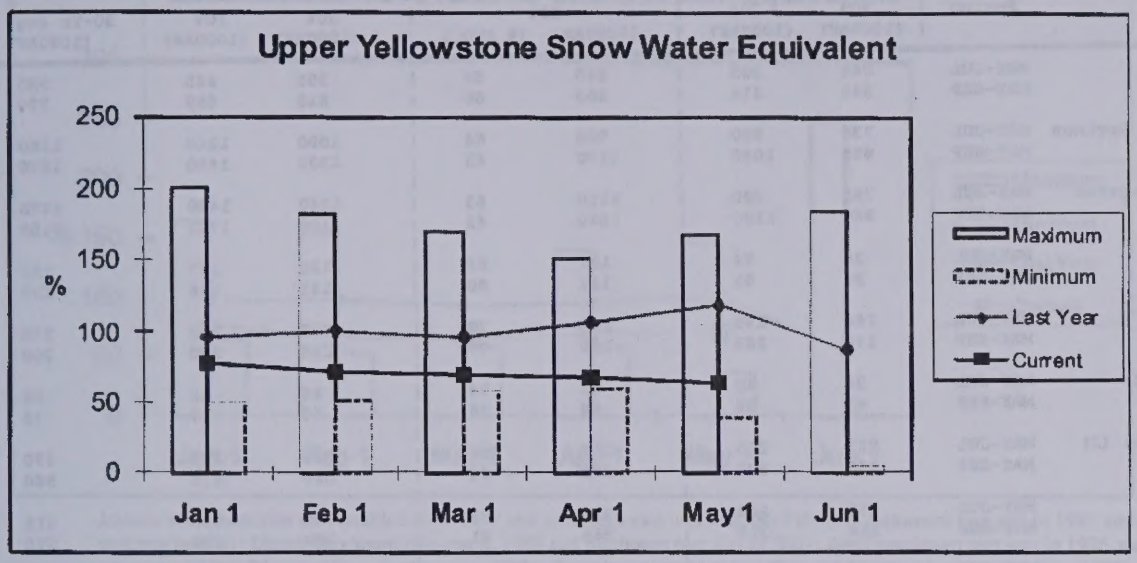
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

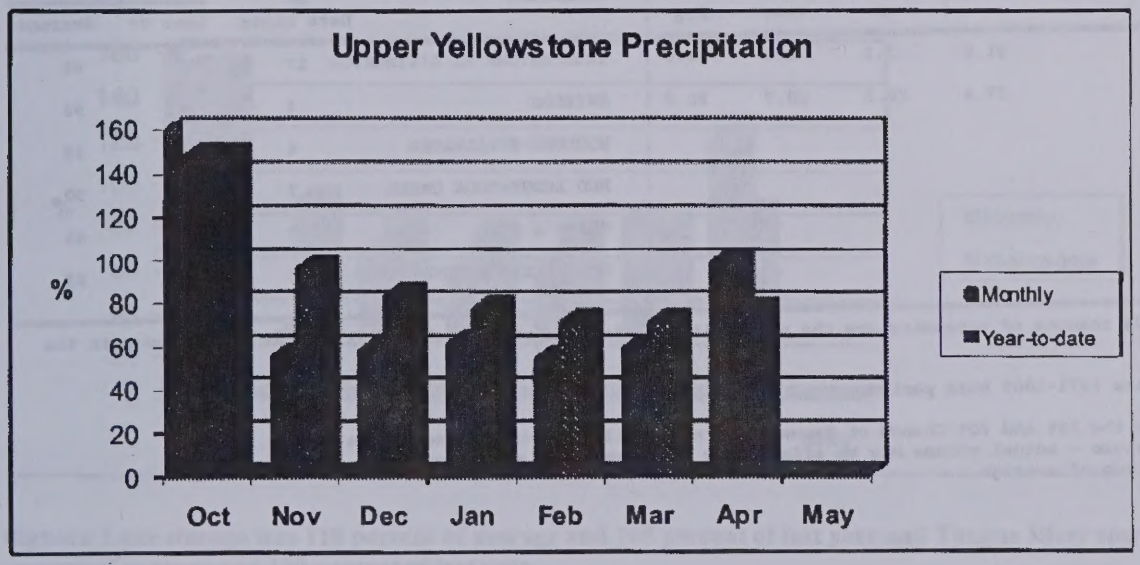
Upper Yellowstone River Basin

Snowpack in the Upper Yellowstone River Basin was well below average and decreased 4 percent from April 1. Snow water content was 63 percent of average and 52 percent of last year. Upper Yellowstone basin was tied for seventh lowest of record with 1980. Snow water content in the Yellowstone River above Livingston was tied for sixth lowest of record with 1992 and 2001; and the Clark's Fork basin was fourth lowest of record.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1997 and minimum swe was in 2001; April maximum swe was in 1997 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1987; and June maximum swe was 1996 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during April was 108 percent of average and 93 percent of last year. Valley precipitation during April was 63 percent of average and 52 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 77 percent of average and 69 percent of last year.



Mystic Lake was 220 percent of average and Cooney storage was 108 percent of average and 109 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 68 percent and 63 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -3.3 in the Yellowstone River above Livingston; -0.1 in the Shields River; -2.2 in the Boulder River; -2.9 in the Stillwater River; -2.0 in the Rock/Red lodge Creeks; -3.1 in the Clarks Fork River; and -3.1 in the Yellowstone River above Bighorn River.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
YELLOWSTONE at Lake Outlet	MAY-JUL	245	305	345	62	385	445	555
	MAY-SEP	340	415	465	60	515	590	770
YELLOWSTONE RIVER at Corwin Springs	MAY-JUL	730	880	985	64	1090	1240	1550
	MAY-SEP	855	1040	1170	63	1300	1480	1870
YELLOWSTONE RIVER near Livingston	MAY-JUL	795	980	1110	63	1240	1430	1770
	MAY-SEP	960	1190	1340	62	1490	1720	2150
SHIELDS RIVER nr Livingston	MAY-JUL	35	74	101	84	128	167	121
	MAY-SEP	36	81	111	80	141	186	138
BOULDER RIVER at Big Timber	MAY-JUL	164	195	215	78	235	265	275
	MAY-SEP	170	205	230	77	255	290	300
WEST ROSEBUD CK nr Roscoe (2)	MAY-JUL	36	40	43	74	46	50	58
	MAY-SEP	45	52	56	75	60	67	75
STILLWATER RIVER nr Absarokee (2)	MAY-JUL	225	275	310	66	345	395	470
	MAY-SEP	265	330	370	66	410	475	560
CLARKS FORK RIVER nr Belfry	MAY-JUL	255	295	325	63	355	395	515
	MAY-SEP	260	310	345	61	380	430	570
COONEY RESERVOIR Inflow (2)	MAY-JUL	11.2	18.2	23	61	28	35	38
	MAY-SEP	16.3	24	30	61	36	44	49
YELLOWSTONE RIVER at Billings	MAY-JUL	1200	1710	2050	63	2370	2900	3250
	MAY-SEP	1410	2010	2420	63	2830	3430	3850

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MYSTIC LAKE	21.0	2.2	0.0	1.0
COONEY	27.4	22.5	20.7	20.9

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
YELLOWSTONE ab LIVINGSTON	17	52	61
SHIELDS	4	84	95
BOULDER-STILLWATER	4	48	69
RED LODGE-ROCK CREEK	7	36	50
CLARK'S FORK	7	56	60
UPPER YELLOWSTONE BASIN	35	52	63

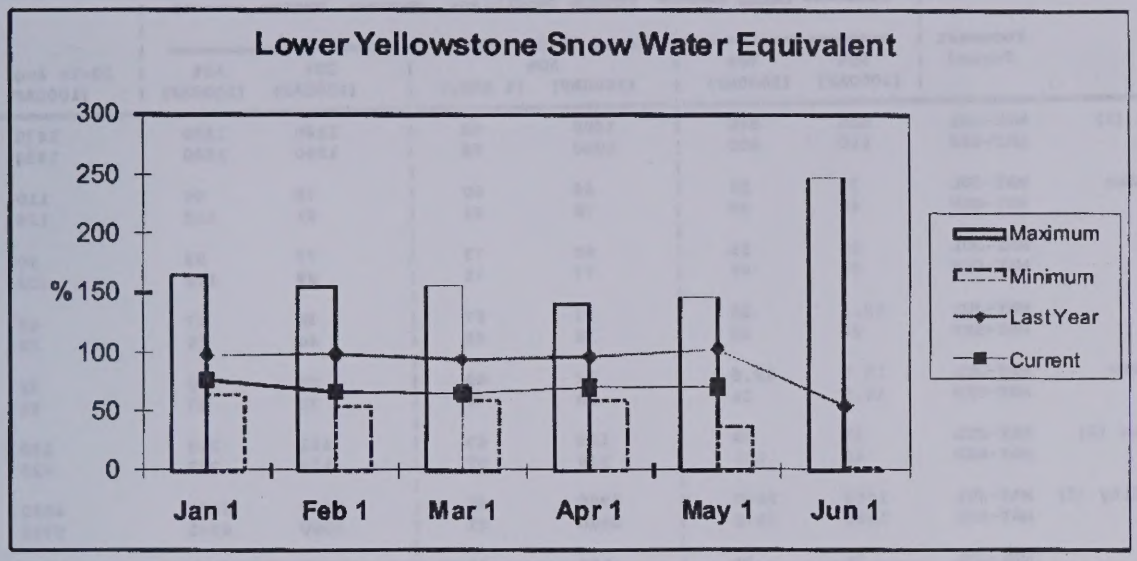
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average.

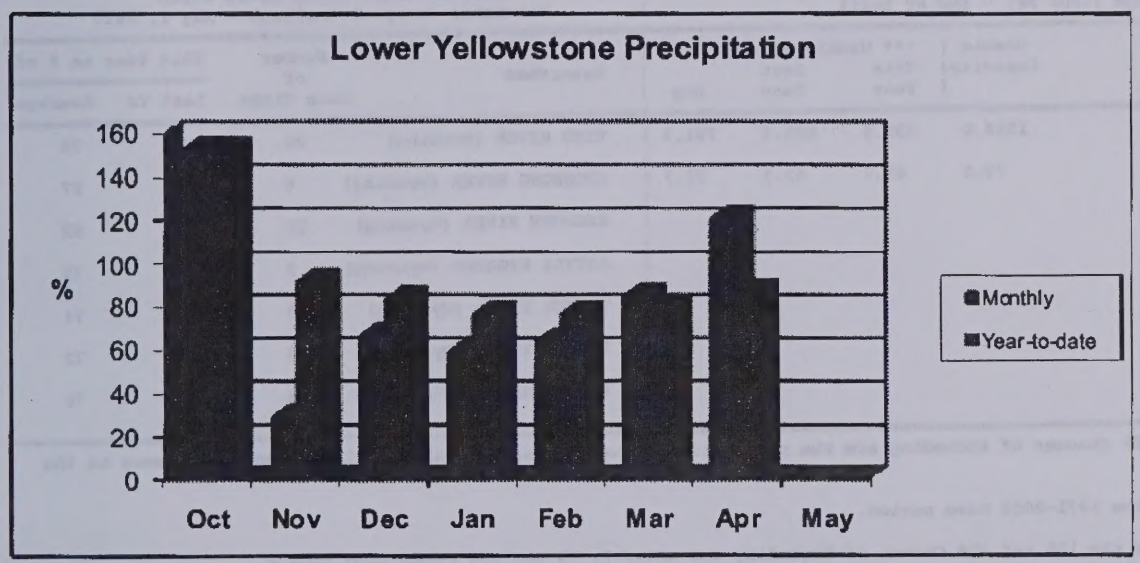
Lower Yellowstone River Basin

Snowpack in the Lower Yellowstone River Basin was below average and the same percentage as on April 1. Snow water content was 70 percent of average and 68 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 2000; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1986 and minimum swe was in 2001; April maximum swe was in 1986 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1981; and June maximum swe was in 1995 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during April was 121 percent of average and 109 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2009, was 87 percent of average and 78 percent of last year.



Bighorn Lake storage was 118 percent of average and 105 percent of last year and Tongue River storage was 201 percent of average and 120 percent of last year.

Assuming average precipitation May through July, basin streamflow forecasts average 61 percent and 58 percent of last years forecasts. Snow melt peak flow date and volume forecasts are available in the state-wide summary section.

Surface Water Supply Index (SWSI) was -0.1 in the Bighorn River below Bighorn Lake; -2.3 in the Little Bighorn River; -1.7 in the Yellowstone River below Bighorn River; -1.6 in the Tongue River; and -1.1 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - May 1, 2010

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
BIGHORN RIVER nr St. Xavier (2)	MAY-JUL	605	840	1000	68	1160	1390	1470
	MAY-SEP	640	900	1080	66	1260	1520	1630
LITTLE BIGHORN RIVER nr Hardin	MAY-JUL	36	54	66	60	78	96	110
	MAY-SEP	46	65	78	62	91	110	126
TONGUE RIVER nr Dayton (2)	MAY-JUL	39	55	66	73	77	93	90
	MAY-SEP	48	65	77	75	89	106	103
BIG GOOSE CREEK nr Sheridan	MAY-JUL	19.4	28	33	67	38	47	49
	MAY-SEP	24	32	38	66	44	52	58
LITTLE GOOSE CREEK nr Big Horn	MAY-JUL	13.6	18.6	22	69	25	30	32
	MAY-SEP	19.0	24	28	70	32	37	40
TONGUE RIVER RESERVOIR Inflow (2)	MAY-JUL	35	89	125	63	161	215	199
	MAY-SEP	44	101	140	62	179	235	225
YELLOWSTONE RIVER at Miles City (2)	MAY-JUL	1660	2460	2980	61	3470	4260	4890
	MAY-SEP	1980	2870	3480	61	4090	4980	5740
POWDER RIVER at Moorehead	MAY-JUL	24	72	107	60	142	193	178
	MAY-SEP	48	84	120	60	156	210	200
POWDER RIVER nr Locate	MAY-JUL	46	71	115	59	159	225	195
	MAY-SEP	51	79	127	58	175	245	220
YELLOWSTONE RIVER nr Sidney (2)	MAY-JUL	1520	2300	2820	57	3320	4120	4950
	MAY-SEP	1760	2660	3270	57	3880	4780	5760

LOWER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
BIGHORN LAKE	1356.0	933.8	885.3	791.9
TONGUE RIVER	79.1	63.7	53.3	31.7

LOWER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - May 1, 2010

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WIND RIVER (Wyoming)	20	73	79
SHOSHONE RIVER (Wyoming)	6	58	57
BIGHORN RIVER (Wyoming)	20	62	62
LITTLE BIGHORN (Wyoming)	3	79	72
TONGUE RIVER (Wyoming)	10	73	74
POWDER RIVER (Wyoming)	9	70	72
LOWER YELLOWSTONE BASIN (	48	68	70

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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Montana
Water Supply Outlook Report

Natural Resources Conservation Service
Bozeman, MT